Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:35 AM

Quant Time: Jul 15 15:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	63692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	252879	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	154375	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	325348	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	336988	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	396289	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3546	1.67	ng/uL	0.00
5) Phenol-d5	6.52	99	162444	27.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	117041	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	126971	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	126543	27.12	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	60303	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	64758	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	119371	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	159864	36.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	379116	30.79	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	455824	30.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	43270	24.35	ng/ul	0.00
58) Fluorene-d10	14.98	176	316879	29.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55159	27.14	ng/ul	0.00
71) Anthracene-d10	16.82	188	487732	30.44	ng/ul	0.00
79) Pyrene-d10	19.14	212	558096	31.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	611982	28.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3108	1.354	ng/uL	94
4) Benzaldehyde	6.48	77	10222m	3.300	ng/ul	
6) Phenol	6.54	94	22776	3.552	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.75	93	18876	3.866	ng/ul	97
10) 2-Chlorophenol	6.88	128	17939	3.631	ng/ul	99
11) 2-Methylphenol	7.78	108	15061	3.287	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.84	45	36678	3.872	ng/ul	99
14) Acetophenone	8.13	105	27346	3.460	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.12	70	15907	3.407	ng/ul#	87
16) 4-Methylphenol	8.10	108	17384	3.413	ng/ul	94
17) Hexachloroethane	8.35	117	8233	3.760	ng/ul	97
20) Nitrobenzene	8.50	77	24613	3.903	ng/ul	99
21) Isophorone	9.02	82	39006	3.679	ng/ul	99
23) 2-Nitrophenol	9.20	139	10078	4.085	ng/ul	97
24) 2,4-Dimethylphenol	9.28	107	19831	3.490	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	24056	3.816	ng/ul	98
27) 2,4-Dichlorophenol	9.74	162	16059	3.722	ng/ul	98
28) Naphthalene	10.11	128	55539	3.711	ng/ul	99
30) 4-Chloroaniline	10.24	127	21263	4.551	ng/ul	99
31) Hexachlorobutadiene	10.40	225	12371	3.956	ng/ul	94
32) Caprolactam	11.06	113	3562m	2.989	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	16200	3.299	ng/ul	98
34) 2-Methylnaphthalene	11.74	142	37899	3.614	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:35 AM

Quant Time: Jul 15 15:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	37467	3.833 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	21968	3.915 ng/ul	94
38) Hexachlorocyclopentadiene	12.10	237	3372	1.178 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.40	196	11038	3.332 ng/ul	91
40) 2,4,5-Trichlorophenol	12.48	196	11912	3.288 ng/ul#	80
41) 1,1'-Biphenyl	12.79	154	49333	3.692 ng/ul#	93
42) 2-Chloronaphthalene	12.82	162	38954	3.704 ng/ul	99
43) 2-Nitroaniline	13.06	65	10849	3.068 ng/ul	93
45) Dimethylphthalate	13.45	163	50951	3.953 ng/ul	96
46) 2,6-Dinitrotoluene	13.57	165	7928	3.183 ng/ul	96
48) Acenaphthylene	13.68	152	59963	3.763 ng/ul	97
49) 3-Nitroaniline	13.91	138	6007	2.901 ng/ul	88
50) Acenaphthene	14.03	153	40942	3.635 ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	1512	1.168 ng/ul	92
53) 4-Nitrophenol	14.24	109	7928m	4.334 ng/ul	
54) Dibenzofuran	14.38	168	60409	3.780 ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	12769	3.447 ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.62	232	10958	3.514 ng/ul#	83
57) Diethylphthalate	14.83	149	49620	3.830 ng/ul	99
59) Fluorene	15.03	166	48580	3.721 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	26213	3.862 ng/ul	95
61) 4-Nitroaniline	15.09	138	6728m	2.873 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	7955	3.695 ng/ul#	69
65) N-Nitrosodiphenylamine	15.26	169	40624	3.734 ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	15433	3.935 ng/ul	89
67) Hexachlorobenzene	16.04	284	17180	3.844 ng/ul	98
68) Atrazine	16.23	200	13584	3.833 ng/ul	92
69) Pentachlorophenol	16.41	266	5567	2.526 ng/ul	93
70) Phenanthrene	16.77	178	77233	3.812 ng/ul	98
72) Anthracene	16.86	178	78518	3.841 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	21415	3.818 ng/uL	95
74) Pentachlorobenzene	14.30	250	21093	3.926 ng/uL	91
75) Carbazole	17.15	167	58502	3.574 ng/ul	99
76) Di-n-butylphthalate	17.73	149	74347	3.754 ng/ul	99
77) Fluoranthene	18.81	202	87002	4.151 ng/ul	98
80) Pyrene	19.17	202	96736	4.051 ng/ul	98
81) Butylbenzylphthalate	20.11	149	32590	3.847 ng/ul	93
82) 3,3'-Dichlorobenzidine	20.89	252	20830	3.067 ng/ul	98
83) Benzo(a)anthracene	20.94	228	95062	4.098 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.91	149	46114	3.655 ng/ul	97
85) Chrysene	20.99	228	95472	4.149 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	81540	3.339 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	95031	3.530 ng/ul	96
89) Benzo(k)fluoranthene	22.46	252	98400	3.688 ng/ul	98
91) Benzo(a)pyrene	22.93	252	97360	4.077 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	110381	3.542 ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	93560	3.563 ng/ul	98
94) Benzo(g,h,i)perylene	25.62	276	94628	3.640 ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 15:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 15:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:35 AM