Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026773.D
Acq On : 15 Jul 2020 12:46
Operator : JU/CG
Sample : L1955-11
Misc : MDL-WATER-04
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:32 AM

Quant Time: Jul 15 16:00:05 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	68613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	278405	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	172373	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	352078	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	317712	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	354783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3885	1.70	ng/uL	0.00
5) Phenol-d5	6.52	99	165638	26.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	121832	28.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	131577	27.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	130693	26.01	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	61487	27.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	68843	29.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	127002	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	171265	35.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	403700	29.36	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	483570	29.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	45726	23.04	ng/ul	0.00
58) Fluorene-d10	14.98	176	336668	27.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55775	25.36	ng/ul	0.00
71) Anthracene-d10	16.83	188	504672	29.11	ng/ul	0.00
79) Pyrene-d10	19.14	212	548806	33.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	517469	27.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3426	1.386	ng/uL	94
4) Benzaldehyde	6.48	77	10905	3.268	ng/ul	89
6) Phenol	6.54	94	23864	3.454	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.75	93	19122	3.635	ng/ul	98
10) 2-Chlorophenol	6.88	128	19284	3.623	ng/ul	96
11) 2-Methylphenol	7.77	108	15231	3.086	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.85	45	40664	3.985	ng/ul	98
14) Acetophenone	8.13	105	29767	3.496	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.12	70	17884	3.555	ng/ul	94
16) 4-Methylphenol	8.10	108	18137	3.306	ng/ul	83
17) Hexachloroethane	8.35	117	8465	3.589	ng/ul#	87
20) Nitrobenzene	8.50	77	24309	3.501	ng/ul	100
21) Isophorone	9.02	82	42025	3.601	ng/ul	99
23) 2-Nitrophenol	9.20	139	10229	3.766	ng/ul	94
24) 2,4-Dimethylphenol	9.28	107	20876	3.337	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.51	93	24912	3.590	ng/ul#	95
27) 2,4-Dichlorophenol	9.73	162	16442	3.461	ng/ul	97
28) Naphthalene	10.11	128	60666	3.681	ng/ul	98
30) 4-Chloroaniline	10.24	127	23553	4.579	ng/ul	97
31) Hexachlorobutadiene	10.40	225	12930	3.756	ng/ul	94
32) Caprolactam	11.07	113	3623m	2.761	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	18524	3.427	ng/ul	93
34) 2-Methylnaphthalene	11.74	142	40954	3.548	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	39358	3.658	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	23515	3.753	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	3456	1.081	ng/ul	98
39) 2,4,6-Trichlorophenol	12.40	196	11956	3.233	ng/ul	90
40) 2,4,5-Trichlorophenol	12.48	196	13075	3.233	ng/ul	90
41) 1,1'-Biphenyl	12.79	154	53989	3.619	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	42414	3.611	ng/ul	95
43) 2-Nitroaniline	13.05	65	12447m	3.152	ng/ul	
45) Dimethylphthalate	13.45	163	55112	3.829	ng/ul	97
46) 2,6-Dinitrotoluene	13.57	165	8768	3.152	ng/ul#	84
48) Acenaphthylene	13.68	152	63868	3.589	ng/ul	99
49) 3-Nitroaniline	13.91	138	6926	2.996	ng/ul	92
50) Acenaphthene	14.03	153	46000	3.658	ng/ul	97
51) 2,4-Dinitrophenol	14.14	184	2992	2.070	ng/ul	93
53) 4-Nitrophenol	14.25	109	8863m	4.340	ng/ul	
54) Dibenzofuran	14.38	168	64918	3.638	ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	14077	3.403	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	14.62	232	11818	3.394	ng/ul#	89
57) Diethylphthalate	14.83	149	53507	3.699	ng/ul	99
59) Fluorene	15.03	166	51870	3.558	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.04	204	27640	3.648	ng/ul	97
61) 4-Nitroaniline	15.08	138	7138m	2.730	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	8032	3.447	ng/ul#	80
65) N-Nitrosodiphenylamine	15.26	169	44918	3.816	ng/ul	97
66) 4-Bromophenyl-phenylether	15.93	248	16135	3.801	ng/ul	95
67) Hexachlorobenzene	16.04	284	18497	3.824	ng/ul	96
68) Atrazine	16.23	200	15187	3.960	ng/ul	97
69) Pentachlorophenol	16.41	266	6386	2.677	ng/ul	95
70) Phenanthrene	16.77	178	82316	3.755	ng/ul	98
72) Anthracene	16.86	178	82885	3.747	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	22775	3.752	ng/uL	93
74) Pentachlorobenzene	14.29	250	23540	4.049	ng/uL	97
75) Carbazole	17.15	167	63059	3.560	ng/ul	97
76) Di-n-butylphthalate	17.73	149	78041	3.642	ng/ul	99
77) Fluoranthene	18.80	202	88628	3.908	ng/ul	98
80) Pyrene	19.17	202	96939	4.305	ng/ul	98
81) Butylbenzylphthalate	20.11	149	30456	3.813	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	17123	2.674	ng/ul	95
83) Benzo(a)anthracene	20.94	228	88472	4.045	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.90	149	43967	3.696	ng/ul	99
85) Chrysene	20.99	228	83366	3.842	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	73258	3.351	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	83865	3.480	ng/ul	98
89) Benzo(k)fluoranthene	22.45	252	81564	3.415	ng/ul	96
91) Benzo(a)pyrene	22.92	252	82902	3.878	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.01	276	92595	3.319	ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	79421	3.379	ng/ul	99
94) Benzo(g,h,i)perylene	25.62	276	81091	3.485	ng/ul	99

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

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