Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062320\
Data File : BM026495.D
Acq On : 23 Jun 2020 08:35
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Manual Integrations APPROVED
mohammad
6/24/2020 10:59:10 AM

Quant Time: Jun 23 10:31:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 23 10:25:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	355840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	241630	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	552476	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	635943	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	636291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	19770	9.01	ng/uL	0.00
5) Phenol-d5	6.59	99	153395	21.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	105652	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	114674	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	129375	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	60587	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	65855	18.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	127846	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	167586	25.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	414999	20.43	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	488176	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	66804	19.83	ng/ul	0.00
58) Fluorene-d10	15.05	176	359865	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	72414	20.03	ng/ul	0.00
71) Anthracene-d10	16.89	188	570806	20.30	ng/ul	0.00
79) Pyrene-d10	19.20	212	660522	18.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	708139	20.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	19231	7.901	ng/uL	93
4) Benzaldehyde	6.54	77	101308	24.863	ng/ul	99
6) Phenol	6.61	94	169110	21.773	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.83	93	130515	22.454	ng/ul	95
10) 2-Chlorophenol	6.95	128	125607	20.260	ng/ul	99
11) 2-Methylphenol	7.84	108	126364	22.385	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	258287	26.032	ng/ul	96
14) Acetophenone	8.20	105	221116	24.133	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.19	70	130434	23.825	ng/ul	91
16) 4-Methylphenol	8.17	108	141449	23.137	ng/ul	98
17) Hexachloroethane	8.43	117	54612	20.741	ng/ul	96
20) Nitrobenzene	8.57	77	177689	20.658	ng/ul	97
21) Isophorone	9.10	82	331548	20.834	ng/ul	100
23) 2-Nitrophenol	9.27	139	75049	19.382	ng/ul	93
24) 2,4-Dimethylphenol	9.35	107	170067	20.889	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	190493	20.654	ng/ul	97
27) 2,4-Dichlorophenol	9.80	162	128738	19.941	ng/ul	96
28) Naphthalene	10.19	128	433362	20.027	ng/ul	99
30) 4-Chloroaniline	10.32	127	176861	25.565	ng/ul	99
31) Hexachlorobutadiene	10.48	225	87751	20.574	ng/ul	97
32) Caprolactam	11.09	113	41961m	20.668	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	161589	21.528	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	321165	21.119	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	298785	21.134 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	175711	19.902 ng/ul	97
38) Hexachlorocyclopentadiene	12.17	237	80654	18.282 ng/ul	98
39) 2,4,6-Trichlorophenol	12.46	196	110576	19.362 ng/ul	99
40) 2,4,5-Trichlorophenol	12.53	196	120499	19.555 ng/ul	100
41) 1,1'-Biphenyl	12.86	154	424179	19.782 ng/ul	100
42) 2-Chloronaphthalene	12.89	162	330453	20.028 ng/ul	99
43) 2-Nitroaniline	13.12	65	124459	20.932 ng/ul	98
45) Dimethylphthalate	13.52	163	428611	20.315 ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	88632	20.206 ng/ul	90
48) Acenaphthylene	13.75	152	520369	20.044 ng/ul	99
49) 3-Nitroaniline	13.96	138	83025	21.082 ng/ul	99
50) Acenaphthene	14.10	153	359901	20.090 ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	44508	19.861 ng/ul	88
53) 4-Nitrophenol	14.29	109	65458	22.253 ng/ul	94
54) Dibenzofuran	14.45	168	521988	20.640 ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	131978	20.773 ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	14.68	232	110539	21.003 ng/ul	96
57) Diethylphthalate	14.90	149	447404	20.971 ng/ul	99
59) Fluorene	15.10	166	432355	20.712 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.10	204	219195	20.763 ng/ul	98
61) 4-Nitroaniline	15.13	138	87072m	19.476 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	76658	20.634 ng/ul	98
65) N-Nitrosodiphenylamine	15.32	169	377019	19.863 ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	135687	19.578 ng/ul	97
67) Hexachlorobenzene	16.11	284	152972	19.727 ng/ul	99
68) Atrazine	16.29	200	139739	21.603 ng/ul	97
69) Pentachlorophenol	16.46	266	78779	21.252 ng/ul	97
70) Phenanthrene	16.83	178	698610	20.161 ng/ul	100
72) Anthracene	16.93	178	725260	20.420 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	173023	18.500 ng/uL	98
74) Pentachlorobenzene	14.37	250	176671	19.653 ng/uL	97
75) Carbazole	17.21	167	623965	21.142 ng/ul	99
76) Di-n-butylphthalate	17.79	149	774839	20.059 ng/ul	99
77) Fluoranthene	18.86	202	844353	22.304 ng/ul	99
80) Pyrene	19.23	202	895181	19.146 ng/ul	96
81) Butylbenzylphthalate	20.17	149	363122	18.243 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.94	252	295635	20.123 ng/ul	99
83) Benzo(a)anthracene	21.00	228	911183	20.113 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	571186	18.996 ng/ul	100
85) Chrysene	21.04	228	890728	20.254 ng/ul	99
87) Di-n-octyl phthalate	21.81	149	986137	21.590 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	917376	21.024 ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	879343	20.951 ng/ul	99
91) Benzo(a)pyrene	23.01	252	786272	20.454 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.13	276	875875	17.384 ng/ul	99
93) Dibenzo(a,h)anthracene	25.14	278	741092	17.627 ng/ul	99
94) Benzo(g,h,i)perylene	25.74	276	704692	16.743 ng/ul	99

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

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

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