Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025869.D
Acq On : 31 Mar 2020 16:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Manual Integrations APPROVED
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4/1/2020 11:56:21 AM

Quant Time: Mar 31 17:32:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 31 17:29:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	135416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	572876	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	382012	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	866628	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1012570	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1144398	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	25858	8.01	ng/uL	0.00
5) Phenol-d5	6.75	99	205681	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	124569	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	174966	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	169419	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	85738	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	89045	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	184351	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	220472	20.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	551211	18.99	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	693921	19.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	94706	17.13	ng/ul	0.00
58) Fluorene-d10	15.20	176	515407	20.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	88803	16.79	ng/ul	0.00
71) Anthracene-d10	17.05	188	821161	20.29	ng/ul	0.00
79) Pyrene-d10	19.34	212	905917	18.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	1171933	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	26434	7.606	ng/uL	93
4) Benzaldehyde	6.71	77	79944	14.123	ng/ul	98
6) Phenol	6.77	94	220572	19.763	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.00	93	171396	19.393	ng/ul	98
10) 2-Chlorophenol	7.13	128	184845	20.244	ng/ul	96
11) 2-Methylphenol	8.00	108	167653	19.632	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	238354	20.212	ng/ul	99
14) Acetophenone	8.38	105	270381	19.961	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	137867	20.317	ng/ul	94
16) 4-Methylphenol	8.33	108	181301	19.448	ng/ul	98
17) Hexachloroethane	8.63	117	78564	20.697	ng/ul	97
20) Nitrobenzene	8.75	77	211193	20.359	ng/ul	99
21) Isophorone	9.27	82	369136	19.270	ng/ul	99
23) 2-Nitrophenol	9.45	139	99832	19.638	ng/ul	98
24) 2,4-Dimethylphenol	9.52	107	208005	20.177	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.76	93	236209	19.239	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	186166	20.270	ng/ul	99
28) Naphthalene	10.37	128	626846	20.092	ng/ul	100
30) 4-Chloroaniline	10.49	127	227777	20.885	ng/ul	100
31) Hexachlorobutadiene	10.67	225	120424	20.070	ng/ul	99
32) Caprolactam	11.25	113	51333m	16.902	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	192462	20.159	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	440088	19.748	ng/ul	97

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35) 1-Methylnaphthalene	12.22	142	445755	20.058	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	234687	19.424	ng/ul	97
38) Hexachlorocyclopentadiene	12.36	237	122966	14.913	ng/ul	97
39) 2,4,6-Trichlorophenol	12.62	196	149685	19.487	ng/ul	99
40) 2,4,5-Trichlorophenol	12.69	196	165629	19.809	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	596682	19.548	ng/ul	98
42) 2-Chloronaphthalene	13.06	162	486450	20.234	ng/ul	100
43) 2-Nitroaniline	13.27	65	127570	21.232	ng/ul	89
45) Dimethylphthalate	13.66	163	583800	19.317	ng/ul	99
46) 2,6-Dinitrotoluene	13.78	165	120146	20.212	ng/ul	97
48) Acenaphthylene	13.92	152	756459	20.080	ng/ul	100
49) 3-Nitroaniline	14.10	138	96294	17.956	ng/ul	95
50) Acenaphthene	14.26	153	512556	20.014	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	50756	14.233	ng/ul	89
53) 4-Nitrophenol	14.42	109	81313	18.819	ng/ul	96
54) Dibenzofuran	14.60	168	744323	20.488	ng/ul	98
55) 2,4-Dinitrotoluene	14.57	165	181003	20.828	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.83	232	152323	20.100	ng/ul	98
57) Diethylphthalate	15.05	149	607149	19.600	ng/ul	100
59) Fluorene	15.25	166	628608	20.570	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.26	204	314050	20.079	ng/ul	98
61) 4-Nitroaniline	15.27	138	109522	17.163	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	99080	17.135	ng/ul	98
65) N-Nitrosodiphenylamine	15.47	169	533583	19.925	ng/ul	98
66) 4-Bromophenyl-phenylether	16.15	248	208670	19.525	ng/ul	97
67) Hexachlorobenzene	16.26	284	257432	19.618	ng/ul	98
68) Atrazine	16.43	200	188425	18.656	ng/ul	98
69) Pentachlorophenol	16.60	266	136555	17.818	ng/ul	99
70) Phenanthrene	16.99	178	1032392	20.239	ng/ul	99
72) Anthracene	17.08	178	1062373	20.435	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	253721	19.106	ng/uL	99
74) Pentachlorobenzene	14.53	250	289086	19.557	ng/uL	99
75) Carbazole	17.35	167	901945	19.852	ng/ul	99
76) Di-n-butylphthalate	17.93	149	1040002	19.606	ng/ul	99
77) Fluoranthene	19.01	202	1204683	20.035	ng/ul	98
80) Pyrene	19.37	202	1285432	18.902	ng/ul	99
81) Butylbenzylphthalate	20.30	149	475830	18.372	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	323141	14.045	ng/ul	100
83) Benzo(a)anthracene	21.13	228	1277816	19.141	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	725992	18.070	ng/ul	99
85) Chrysene	21.18	228	1249678	19.080	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	1221630	17.815	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	1418469	19.865	ng/ul	100
89) Benzo(k)fluoranthene	22.70	252	1413081	20.089	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1311392	20.181	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	1681862	19.599	ng/ul	100
93) Dibenzo(a,h)anthracene	25.42	278	1407960	19.375	ng/ul	100
94) Benzo(g,h,i)perylene	26.05	276	1411112	19.952	ng/ul	98

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

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