Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029403.D
Acq On : 08 Apr 2021 10:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Apr 08 11:30:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	104413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	390959	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	217394	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	413162	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	405452	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	436129	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	23065	8.43	ng/uL	0.00
5) Phenol-d5	6.86	99	175028	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	113811	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	138196	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	131524	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	58512	21.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	61144	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	125114	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	159001	22.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	311298	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	419944	21.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	54743	19.17	ng/ul	0.00
58) Fluorene-d10	15.32	176	264748	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	42932	18.28	ng/ul	0.00
71) Anthracene-d10	17.16	188	391758	20.86	ng/ul	0.00
79) Pyrene-d10	19.46	212	410362	21.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	461191	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	24007	8.364	ng/uL	96
4) Benzaldehyde	6.84	77	115674	23.884	ng/ul	92
6) Phenol	6.89	94	184287	19.746	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.12	93	142125	20.091	ng/ul	99
10) 2-Chlorophenol	7.26	128	145844	20.568	ng/ul	97
11) 2-Methylphenol	8.13	108	131670	19.880	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.22	45	212708	20.447	ng/ul	99
14) Acetophenone	8.51	105	211825	19.218	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	117056	19.913	ng/ul	99
16) 4-Methylphenol	8.46	108	141030	19.529	ng/ul	94
17) Hexachloroethane	8.76	117	66324	21.506	ng/ul	98
20) Nitrobenzene	8.88	77	176347	21.449	ng/ul	99
21) Isophorone	9.41	82	291396	21.508	ng/ul	99
23) 2-Nitrophenol	9.59	139	69296	21.331	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	157012	21.003	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	175041	21.008	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	124612	21.448	ng/ul	96
28) Naphthalene	10.52	128	429228	21.059	ng/ul	98
30) 4-Chloroaniline	10.63	127	164124	22.369	ng/ul	99
31) Hexachlorobutadiene	10.80	225	75302	20.945	ng/ul	99
32) Caprolactam	11.40	113	33531	19.537	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	129325	21.118	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	289295	20.575	ng/ul	99

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35) 1-Methylnaphthalene	12.36	142	277004	20.240	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	128205	20.575	ng/ul	94
38) Hexachlorocyclopentadiene	12.49	237	83546	20.805	ng/ul	97
39) 2,4,6-Trichlorophenol	12.75	196	85388	21.814	ng/ul	94
40) 2,4,5-Trichlorophenol	12.82	196	92748	21.865	ng/ul	98
41) 1,1'-Biphenyl	13.16	154	354513	20.714	ng/ul	98
42) 2-Chloronaphthalene	13.19	162	277758	21.154	ng/ul	98
43) 2-Nitroaniline	13.40	65	87914	21.754	ng/ul	99
45) Dimethylphthalate	13.79	163	331418	20.705	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	62190	21.092	ng/ul	99
48) Acenaphthylene	14.05	152	402378	20.943	ng/ul	99
49) 3-Nitroaniline	14.23	138	67591	22.268	ng/ul	98
50) Acenaphthene	14.39	153	295957	20.678	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	31839	17.995	ng/ul	97
53) 4-Nitrophenol	14.54	109	58740	20.482	ng/ul	98
54) Dibenzofuran	14.72	168	397157	20.310	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	92018	21.230	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.95	232	70224	21.146	ng/ul	96
57) Diethylphthalate	15.15	149	343230	20.902	ng/ul	100
59) Fluorene	15.37	166	336080	20.436	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	150653	19.544	ng/ul	93
61) 4-Nitroaniline	15.39	138	71256	20.624	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	47023	19.227	ng/ul	98
65) N-Nitrosodiphenylamine	15.59	169	284545	21.702	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	83633	21.193	ng/ul	93
67) Hexachlorobenzene	16.37	284	94269	21.103	ng/ul	94
68) Atrazine	16.53	200	95220	20.249	ng/ul	100
69) Pentachlorophenol	16.72	266	53458	20.434	ng/ul	95
70) Phenanthrene	17.10	178	502140	21.111	ng/ul	99
72) Anthracene	17.20	178	521498	21.363	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	126569	21.410	ng/uL	99
74) Pentachlorobenzene	14.65	250	115080	21.074	ng/uL	99
75) Carbazole	17.47	167	468579	21.198	ng/ul	99
76) Di-n-butylphthalate	18.04	149	571500	22.440	ng/ul	100
77) Fluoranthene	19.12	202	552878	20.535	ng/ul	99
80) Pyrene	19.48	202	587400	21.876	ng/ul	97
81) Butylbenzylphthalate	20.39	149	263431	24.289	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	190789	21.905	ng/ul	98
83) Benzo(a)anthracene	21.22	228	558414	21.843	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	417774	23.615	ng/ul	99
85) Chrysene	21.27	228	539453	21.581	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	710930	20.662	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	591322	21.062	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	571393	20.727	ng/ul	99
91) Benzo(a)pyrene	23.36	252	523725	21.027	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.67	276	698015	21.413	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	584489	21.339	ng/ul	98
94) Benzo(g,h,i)perylene	26.35	276	571518	21.587	ng/ul	99

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

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