Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032219\
Data File : BM019312.D
Acq On : 22 Mar 2019 14:38
Operator : JU/SJ
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04055

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Quant Time: Mar 22 16:32:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:14:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	535064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	285499	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	600226	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	647076	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	685734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	52947	18.09	ng/uL	0.00
5) Phenol-d5	6.80	99	455127	43.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	309263	47.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	367118	42.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	351533	43.03	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	166288	47.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	191313	59.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	349543	43.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	421702	43.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	947934	41.35	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1226945	41.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	158652	42.17	ng/ul	0.00
58) Fluorene-d10	15.27	176	819593	40.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	167795	68.10	ng/ul	0.00
71) Anthracene-d10	17.13	188	1208763	41.74	ng/ul	0.00
79) Pyrene-d10	19.44	212	1271169	40.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1558576	43.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	57094	18.743	ng/uL#	88
4) Benzaldehyde	6.78	77	344519	57.981	ng/ul	96
6) Phenol	6.82	94	480486	45.589	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	362391	44.659	ng/ul	98
10) 2-Chlorophenol	7.18	128	373855	43.195	ng/ul	98
11) 2-Methylphenol	8.06	108	339567	42.989	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	346853m	27.030	ng/ul	
14) Acetophenone	8.45	105	577522	45.607	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.43	70	336954	53.176	ng/ul#	86
16) 4-Methylphenol	8.39	108	381265	45.663	ng/ul	99
17) Hexachloroethane	8.67	117	154243	45.371	ng/ul	85
20) Nitrobenzene	8.83	77	486243	54.676	ng/ul	98
21) Isophorone	9.35	82	843383	47.719	ng/ul	96
23) 2-Nitrophenol	9.53	139	208487	56.499	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	423937	44.521	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	501928	45.944	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	345812	44.313	ng/ul	97
28) Naphthalene	10.45	128	1139856	41.430	ng/ul	99
30) 4-Chloroaniline	10.58	127	436101	44.450	ng/ul	96
31) Hexachlorobutadiene	10.71	225	198855	37.751	ng/ul	97
32) Caprolactam	11.38	113	96592m	39.138	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	355212	43.429	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	768890	39.664	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	721768	37.233	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	362359	36.956	ng/ul#	96
38) Hexachlorocyclopentadiene	12.40	237	184325	30.192	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.70	196	245563	43.981	ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	255461	41.924	ng/ul	98
41) 1,1'-Biphenyl	13.10	154	989953	41.681	ng/ul#	95
42) 2-Chloronaphthalene	13.15	162	770210	41.437	ng/ul	99
43) 2-Nitroaniline	13.37	65	236053	57.651	ng/ul	93
45) Dimethylphthalate	13.74	163	935125	41.740	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	191119	55.541	ng/ul	92
48) Acenaphthylene	14.00	152	1198999	42.784	ng/ul	99
49) 3-Nitroaniline	14.21	138	187143	50.013	ng/ul	92
50) Acenaphthene	14.34	153	833933	41.913	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	103318	67.123	ng/ul#	79
53) 4-Nitrophenol	14.52	109	127421	43.952	ng/ul#	80
54) Dibenzofuran	14.68	168	1174703	43.031	ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	289630	57.239	ng/ul#	67
56) 2,3,4,6-Tetrachlorophenol	14.91	232	225952	45.845	ng/ul#	83
57) Diethylphthalate	15.11	149	976077	43.976	ng/ul	95
59) Fluorene	15.33	166	937770	41.814	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	457670	40.248	ng/ul	92
61) 4-Nitroaniline	15.39	138	201074	43.745	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.43	198	176085	63.732	ng/ul#	85
65) N-Nitrosodiphenylamine	15.55	169	791279	42.618	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	274450	40.414	ng/ul	96
67) Hexachlorobenzene	16.33	284	324682	44.425	ng/ul#	92
68) Atrazine	16.51	200	268658	40.942	ng/ul	96
69) Pentachlorophenol	16.68	266	172511	43.650	ng/ul	97
70) Phenanthrene	17.07	178	1402705	42.072	ng/ul	100
72) Anthracene	17.17	178	1449295	42.341	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	360087	36.247	ng/uL	99
74) Pentachlorobenzene	14.59	250	375751	41.931	ng/uL	98
75) Carbazole	17.45	167	1286290	42.748	ng/ul	98
76) Di-n-butylphthalate	18.00	149	1547854	44.214	ng/ul	100
77) Fluoranthene	19.10	202	1584243	41.452	ng/ul#	88
80) Pyrene	19.47	202	1643818	41.373	ng/ul#	83
81) Butylbenzylphthalate	20.37	149	718018	48.865	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.17	252	626082	48.842	ng/ul#	98
83) Benzo(a)anthracene	21.22	228	1644125	41.043	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1050811	45.504	ng/ul#	95
85) Chrysene	21.27	228	1552265	41.552	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	1836781	44.582	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	1750917	42.659	ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	1717270	43.572	ng/ul#	97
91) Benzo(a)pyrene	23.37	252	1696666	43.366	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	2124400	45.519	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.71	278	1807573	46.300	ng/ul#	96
94) Benzo(g,h,i)perylene	26.39	276	1749374	45.203	ng/ul#	93

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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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