Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013041.D
Acq On : 18 Nov 2017 17:31
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02039

Quant Time: Nov 20 08:26:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 03:21:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	156661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	606700	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	357288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	810012	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	911719	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	913481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25885	7.65	ng/uL	0.00
5) Phenol-d5	6.89	99	244265	18.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	145586	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	206435	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	198435	17.85	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	97342	22.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	97308	23.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	207384	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	226841	20.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	610015	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	779619	19.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	97424	20.49	ng/ul	0.00
57) Fluorene-d10	15.35	176	524592	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	80169	22.83	ng/ul	0.00
70) Anthracene-d10	17.20	188	821314	19.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	908202	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	903857	19.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	28283	7.612	ng/uL#	68
4) Benzaldehyde	6.86	77	126186	17.255	ng/ul	94
6) Phenol	6.91	94	244729	18.272	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	186577	18.502	ng/ul	97
10) 2-Chlorophenol	7.28	128	201023	18.726	ng/ul	97
11) 2-Methylphenol	8.15	108	183999	18.099	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	205626	17.974	ng/ul#	87
14) Acetophenone	8.53	105	305046	17.906	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.52	70	155311	17.776	ng/ul#	66
16) 4-Methylphenol	8.48	108	195039	18.066	ng/ul	99
17) Hexachloroethane	8.79	117	88041	19.366	ng/ul#	79
20) Nitrobenzene	8.91	77	240806	22.290	ng/ul	93
21) Isophorone	9.43	82	417096	18.841	ng/ul	95
23) 2-Nitrophenol	9.62	139	103995	23.234	ng/ul#	81
24) 2,4-Dimethylphenol	9.68	107	229960	19.530	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.92	93	244407	19.240	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	190962	19.683	ng/ul	92
28) Naphthalene	10.55	128	629297	20.130	ng/ul	99
30) 4-Chloroaniline	10.66	127	229013	21.881	ng/ul	92
31) Hexachlorobutadiene	10.83	225	146820	21.016	ng/ul	96
32) Caprolactam	11.42	113	53732	17.637	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.79	107	201781	19.526	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	453455	19.825	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	264747	20.371 ng/ul#	95
37) Hexachlorocyclopentadiene	12.52	237	184092	19.154 ng/ul	96
38) 2,4,6-Trichlorophenol	12.78	196	157718	20.137 ng/ul	98
39) 2,4,5-Trichlorophenol	12.84	196	164925	20.140 ng/ul	99
40) 1,1'-Biphenyl	13.19	154	594273	19.741 ng/ul	97
41) 2-Chloronaphthalene	13.22	162	472265	19.794 ng/ul	98
42) 2-Nitroaniline	13.43	65	131972	26.045 ng/ul	95
44) Dimethylphthalate	13.82	163	570710	19.044 ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	113482	24.818 ng/ul	99
47) Acenaphthylene	14.07	152	714706	19.429 ng/ul	99
48) 3-Nitroaniline	14.26	138	104392	24.374 ng/ul	90
49) Acenaphthene	14.42	153	484787	19.610 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	46788	21.374 ng/ul	91
52) 4-Nitrophenol	14.57	109	95932	22.271 ng/ul#	83
53) Dibenzofuran	14.76	168	698397	19.722 ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	162434	25.395 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.98	232	143330	20.900 ng/ul#	86
56) Diethylphthalate	15.19	149	582989	19.241 ng/ul	94
58) Fluorene	15.40	166	564980	19.373 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	308741	20.040 ng/ul	99
60) 4-Nitroaniline	15.43	138	119329	21.187 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.48	198	82025	21.504 ng/ul	94
64) N-Nitrosodiphenylamine	15.62	169	485550	19.093 ng/ul	98
65) 4-Bromophenyl-phenylether	16.30	248	196129	19.991 ng/ul	96
66) Hexachlorobenzene	16.40	284	206297	19.484 ng/ul#	92
67) Atrazine	16.57	200	183273	18.815 ng/ul	94
68) Pentachlorophenol	16.75	266	102948	18.852 ng/ul	96
69) Phenanthrene	17.14	178	907082	19.909 ng/ul	100
71) Anthracene	17.23	178	931367	19.702 ng/ul	99
72) Carbazole	17.50	167	786920	19.249 ng/ul	99
73) Di-n-butylphthalate	18.08	149	944332	18.135 ng/ul	98
74) Fluoranthene	19.16	202	1091773	19.826 ng/ul#	92
77) Pyrene	19.52	202	1105968	19.481 ng/ul#	92
78) Butylbenzylphthalate	20.44	149	424010	17.975 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.21	252	369447	19.716 ng/ul	96
80) Benzo(a)anthracene	21.27	228	1125490	19.289 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	630591	18.139 ng/ul	99
82) Chrysene	21.32	228	1073410	19.838 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1053962	17.509 ng/ul	99
85) Benzo(b)fluoranthene	22.85	252	1165112	19.736 ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	1080309	19.877 ng/ul#	97
88) Benzo(a)pyrene	23.42	252	1084675	19.730 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1275983	19.870 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.78	278	1059749	19.481 ng/ul#	97
91) Benzo(g,h,i)perylene	26.44	276	1033865	19.376 ng/ul#	97

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

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