Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112717\
Data File : BM013130.D
Acq On : 28 Nov 2017 03:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Nov 28 13:07:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 01:49:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	239877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1062982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	671115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1615218	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1722756	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1437527	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	34307	6.63	ng/uL	0.00
5) Phenol-d5	6.89	99	380775	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	218180	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	303483	18.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	332836	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	156157	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	170552	23.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	350851	19.18	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.63	131	431179	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1105282	18.78	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1386626	18.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	186880	20.93	ng/ul	-0.01
57) Fluorene-d10	15.34	176	936987	18.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	177230	25.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	1503327	18.18	ng/ul	0.00
76) Pyrene-d10	19.49	212	1664883	18.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1388932	19.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	37995	6.678	ng/uL#	64
4) Benzaldehyde	6.86	77	263972	23.574	ng/ul	92
6) Phenol	6.92	94	384078	18.728	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.14	93	297908	19.294	ng/ul	97
10) 2-Chlorophenol	7.27	128	308662	18.779	ng/ul	97
11) 2-Methylphenol	8.16	108	301977	19.399	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	307854	17.574	ng/ul#	82
14) Acetophenone	8.53	105	514451	19.722	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.51	70	263433	19.691	ng/ul#	68
16) 4-Methylphenol	8.48	108	328931	19.899	ng/ul	97
17) Hexachloroethane	8.77	117	131349	18.869	ng/ul#	78
20) Nitrobenzene	8.90	77	397503	21.000	ng/ul	98
21) Isophorone	9.42	82	735502	18.963	ng/ul	95
23) 2-Nitrophenol	9.60	139	188002	23.973	ng/ul#	80
24) 2,4-Dimethylphenol	9.67	107	400155	19.397	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.91	93	423245	19.017	ng/ul	95
27) 2,4-Dichlorophenol	10.14	162	342047	20.122	ng/ul#	90
28) Naphthalene	10.54	128	1050000	19.170	ng/ul	99
30) 4-Chloroaniline	10.65	127	435634	23.756	ng/ul	94
31) Hexachlorobutadiene	10.82	225	241385	19.721	ng/ul	96
32) Caprolactam	11.43	113	93907	17.593	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.79	107	379655	20.969	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	817480	20.399	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	456613	18.705 ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	247347	13.701 ng/ul	96
38) 2,4,6-Trichlorophenol	12.77	196	306166	20.811 ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	322184	20.945 ng/ul	96
40) 1,1'-Biphenyl	13.17	154	1087864	19.239 ng/ul	98
41) 2-Chloronaphthalene	13.22	162	849632	18.958 ng/ul	100
42) 2-Nitroaniline	13.43	65	257765	27.082 ng/ul	94
44) Dimethylphthalate	13.81	163	1101398	19.566 ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	231280	26.927 ng/ul	98
47) Acenaphthylene	14.07	152	1333531	19.299 ng/ul	99
48) 3-Nitroaniline	14.26	138	223697	27.807 ng/ul#	87
49) Acenaphthene	14.41	153	881894	18.991 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	107727	26.199 ng/ul	94
52) 4-Nitrophenol	14.58	109	198769	24.567 ng/ul#	79
53) Dibenzofuran	14.74	168	1306669	19.644 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	331939	27.628 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	289695	22.489 ng/ul#	89
56) Diethylphthalate	15.18	149	1131826	19.887 ng/ul	95
58) Fluorene	15.40	166	1107434	20.216 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	573494	19.817 ng/ul	99
60) 4-Nitroaniline	15.43	138	234032	22.122 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.48	198	189410	24.902 ng/ul	91
64) N-Nitrosodiphenylamine	15.61	169	932613	18.391 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	369276	18.876 ng/ul	97
66) Hexachlorobenzene	16.40	284	397286	18.816 ng/ul#	92
67) Atrazine	16.57	200	374507	19.281 ng/ul	98
68) Pentachlorophenol	16.74	266	218143	20.033 ng/ul	99
69) Phenanthrene	17.13	178	1743938	19.196 ng/ul	98
71) Anthracene	17.23	178	1790032	18.989 ng/ul	99
72) Carbazole	17.50	167	1549638	19.010 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1890662	18.208 ng/ul	98
74) Fluoranthene	19.15	202	2105039	19.170 ng/ul#	93
77) Pyrene	19.52	202	2159669	20.133 ng/ul#	93
78) Butylbenzylphthalate	20.43	149	867637	19.466 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.20	252	731715	20.665 ng/ul#	95
80) Benzo(a)anthracene	21.26	228	2081560	18.879 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1284885	19.559 ng/ul#	97
82) Chrysene	21.32	228	1866353	18.254 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	2052478	21.667 ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1914938	20.613 ng/ul#	97
86) Benzo(k)fluoranthene	22.88	252	1817175	21.246 ng/ul#	97
88) Benzo(a)pyrene	23.41	252	1705051	19.708 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1629851	16.128 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.75	278	1364391	15.938 ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1267417	15.094 ng/ul#	97

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

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