Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012350.D
Acq On : 21 Oct 2017 09:41
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Oct 23 04:50:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 02:34:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	266186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1164142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	695108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1458037	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1016979	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1007650	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	39577	7.07	ng/uL	0.00
5) Phenol-d5	6.94	99	395864	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	245889	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	355704	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	351732	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	166314	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	199851	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	387299	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	452976	24.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1169502	19.04	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1433370	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	114124	12.36	ng/ul	0.00
57) Fluorene-d10	15.42	176	953663	18.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	161048	16.09	ng/ul	0.00
70) Anthracene-d10	17.27	188	1368816	18.99	ng/ul	0.00
76) Pyrene-d10	19.57	212	1237791	23.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	948717	19.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	40860	7.149	ng/uL#	95
4) Benzaldehyde	6.92	77	272371	18.873	ng/ul	97
6) Phenol	6.97	94	406357	18.201	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	318109	18.697	ng/ul	92
10) 2-Chlorophenol	7.33	128	359858	19.247	ng/ul	94
11) 2-Methylphenol	8.22	108	318558	18.971	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	406915	18.835	ng/ul	95
14) Acetophenone	8.60	105	540470	19.125	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.58	70	292605	19.320	ng/ul	89
16) 4-Methylphenol	8.55	108	351776	19.010	ng/ul	98
17) Hexachloroethane	8.83	117	156576	19.846	ng/ul	83
20) Nitrobenzene	8.98	77	429873	19.475	ng/ul	96
21) Isophorone	9.50	82	768606	18.639	ng/ul	97
23) 2-Nitrophenol	9.69	139	213918	19.217	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	415714	18.530	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	448725	18.558	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	376510	19.285	ng/ul	95
28) Naphthalene	10.61	128	1144665	19.005	ng/ul	97
30) 4-Chloroaniline	10.74	127	447098	24.512	ng/ul	97
31) Hexachlorobutadiene	10.88	225	284571	19.667	ng/ul	97
32) Caprolactam	11.54	113	102138	16.572	ng/ul	94
33) 4-Chloro-3-methylphenol	11.88	107	373928	18.281	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	870897	19.161	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	496696	19.684	ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	236248	21.007	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	316034	18.890	ng/ul	97
39) 2,4,5-Trichlorophenol	12.94	196	323742	18.803	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1147432	19.559	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	899335	19.538	ng/ul	98
42) 2-Nitroaniline	13.52	65	245328	19.155	ng/ul	91
44) Dimethylphthalate	13.88	163	1165994	18.944	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	230506	18.867	ng/ul	92
47) Acenaphthylene	14.14	152	1399023	19.158	ng/ul	99
48) 3-Nitroaniline	14.35	138	204047	21.467	ng/ul	90
49) Acenaphthene	14.49	153	947844	19.270	ng/ul	97
50) 2,4-Dinitrophenol	14.59	184	105728	15.240	ng/ul	92
52) 4-Nitrophenol	14.68	109	113899	13.722	ng/ul	95
53) Dibenzofuran	14.82	168	1366609	19.295	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	331134	18.701	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.06	232	269562	17.108	ng/ul#	89
56) Diethylphthalate	15.24	149	1179548	17.729	ng/ul	97
58) Fluorene	15.47	166	1098277	18.671	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	578897	18.734	ng/ul	97
60) 4-Nitroaniline	15.52	138	182337	15.536	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	166179	15.731	ng/ul#	91
64) N-Nitrosodiphenylamine	15.68	169	922754	20.219	ng/ul	98
65) 4-Bromophenyl-phenylether	16.36	248	352598	20.202	ng/ul	96
66) Hexachlorobenzene	16.48	284	386370	19.541	ng/ul	95
67) Atrazine	16.64	200	363925	19.071	ng/ul	96
68) Pentachlorophenol	16.84	266	172875	15.677	ng/ul	96
69) Phenanthrene	17.21	178	1579651	19.045	ng/ul	99
71) Anthracene	17.31	178	1630521	18.989	ng/ul	99
72) Carbazole	17.59	167	1290158	17.753	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1842713	18.264	ng/ul	99
74) Fluoranthene	19.24	202	1582586	15.811	ng/ul	97
77) Pyrene	19.60	202	1587705	23.640	ng/ul	97
78) Butylbenzylphthalate	20.48	149	660379	22.088	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.28	252	374462	18.501	ng/ul	100
80) Benzo(a)anthracene	21.34	228	1229898	18.586	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	907642	20.232	ng/ul	97
82) Chrysene	21.39	228	1138381	18.323	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	1375368	18.670	ng/ul#	96
85) Benzo(b)fluoranthene	22.95	252	1164663	17.711	ng/ul#	98
86) Benzo(k)fluoranthene	23.00	252	1214577	19.167	ng/ul#	98
88) Benzo(a)pyrene	23.55	252	1174643	18.953	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	1452988	22.076	ng/ul	96
90) Dibenzo(a,h)anthracene	25.99	278	1219891	22.049	ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	1239164	22.988	ng/ul	98

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

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