Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012814.D
Acq On : 08 Nov 2017 10:53
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02005

Quant Time: Nov 09 01:26:59 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	96073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	380929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	220102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	475793	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	529760	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	577641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14335	8.06	ng/uL	0.00
5) Phenol-d5	6.97	99	138569	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	75298	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	118701	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	118519	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	55594	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	63543	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	128982	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	142397	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	349269	19.18	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	446036	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	50316	17.24	ng/ul	0.00
57) Fluorene-d10	15.43	176	294701	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	53397	17.00	ng/ul	0.00
70) Anthracene-d10	17.28	188	449939	19.57	ng/ul	0.00
78) Pyrene-d10	19.57	212	477334	19.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	531804	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15025	7.527	ng/uL	95
4) Benzaldehyde	6.95	77	87965	23.137	ng/ul	97
6) Phenol	7.00	94	142865	19.469	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	109631	19.931	ng/ul	98
10) 2-Chlorophenol	7.36	128	121648	19.831	ng/ul	97
11) 2-Methylphenol	8.25	108	107480	19.249	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	96500	21.234	ng/ul	95
14) Acetophenone	8.62	105	176213	18.979	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	85278	19.106	ng/ul	97
16) 4-Methylphenol	8.57	108	119251	19.677	ng/ul	96
17) Hexachloroethane	8.87	117	48535	19.656	ng/ul#	77
20) Nitrobenzene	9.00	77	124544	18.801	ng/ul	99
21) Isophorone	9.52	82	230788	19.347	ng/ul	98
23) 2-Nitrophenol	9.70	139	69035	19.909	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	135860	19.264	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	146128	19.651	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	125077	19.439	ng/ul	99
28) Naphthalene	10.64	128	376608	19.775	ng/ul	100
30) 4-Chloroaniline	10.75	127	144657	22.583	ng/ul	99
31) Hexachlorobutadiene	10.92	225	95491	18.870	ng/ul	98
32) Caprolactam	11.53	113	32508	17.965	ng/ul	92
33) 4-Chloro-3-methylphenol	11.88	107	119813	19.150	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	280249	19.255	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	170545	20.015 ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	92610	21.341 ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	107045	19.880 ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	108511	19.316 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	364401	20.016 ng/ul	98
41) 2-Chloronaphthalene	13.31	162	288615	20.066 ng/ul	94
42) 2-Nitroaniline	13.52	65	65233	19.195 ng/ul	95
44) Dimethylphthalate	13.89	163	348334	19.273 ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	68969	19.063 ng/ul	96
47) Acenaphthylene	14.16	152	434060	19.876 ng/ul	100
48) 3-Nitroaniline	14.35	138	63886	20.941 ng/ul	99
49) Acenaphthene	14.50	153	294994	19.831 ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	39653	17.548 ng/ul	88
52) 4-Nitrophenol	14.67	109	40408	15.692 ng/ul	97
53) Dibenzofuran	14.83	168	425113	19.593 ng/ul	92
54) 2,4-Dinitrotoluene	14.81	165	100363	18.863 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	95694	18.350 ng/ul#	82
56) Diethylphthalate	15.26	149	329917	18.793 ng/ul	98
58) Fluorene	15.49	166	342045	18.978 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	190548	19.028 ng/ul#	85
60) 4-Nitroaniline	15.51	138	69627	19.607 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.58	198	57686	17.442 ng/ul#	91
64) N-Nitrosodiphenylamine	15.69	169	292388	20.354 ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	125247	20.262 ng/ul#	83
66) Hexachlorobenzene	16.49	284	138756	19.880 ng/ul#	83
67) Atrazine	16.64	200	110859	19.330 ng/ul	96
68) Pentachlorophenol	16.84	266	62457	15.662 ng/ul	97
69) Phenanthrene	17.22	178	514999	19.803 ng/ul	98
71) Anthracene	17.32	178	535989	19.878 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	163633	21.040 ng/uL	98
73) Pentachlorobenzene	14.76	250	163366	20.527 ng/uL	98
74) Carbazole	17.59	167	435930	19.384 ng/ul	97
75) Di-n-butylphthalate	18.14	149	519610	19.719 ng/ul	100
76) Fluoranthene	19.24	202	597687	19.125 ng/ul#	94
79) Pyrene	19.60	202	622277	19.688 ng/ul#	92
80) Butylbenzylphthalate	20.50	149	227994	19.780 ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.28	252	232213	19.818 ng/ul#	96
82) Benzo(a)anthracene	21.34	228	634418	19.790 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	336180	20.021 ng/ul#	93
84) Chrysene	21.40	228	568966	19.584 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	575082	18.926 ng/ul	99
87) Benzo(b)fluoranthene	22.95	252	667409	18.906 ng/ul#	97
88) Benzo(k)fluoranthene	23.00	252	649221	19.349 ng/ul#	96
90) Benzo(a)pyrene	23.54	252	653351	19.451 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.94	276	823275	20.336 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.96	278	688821	20.100 ng/ul#	93
93) Benzo(g,h,i)perylene	26.66	276	682633	20.464 ng/ul#	90

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

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