Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014539.D
Acq On : 13 Mar 2018 04:12
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 09:20:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02038

Manual Integrations APPROVED
Sohil
3/13/2018 4:24:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	76105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	332522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	216857	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	538928	20.00	ng/ul	0.00
75) Chrysene-d12	21.12	240	591997	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	528018	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	8263m	4.65	ng/uL	0.00
5) Phenol-d5	6.68	99	117186	18.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	71612	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	96936	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	102613	18.23	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	48851	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	57321	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	103996	19.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.42	131	119264	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	377504	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	465475	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	32920	13.31	ng/ul	0.00
57) Fluorene-d10	15.14	176	315488	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	54862	16.97	ng/ul	0.00
70) Anthracene-d10	17.00	188	528302	20.32	ng/ul	0.00
76) Pyrene-d10	19.32	212	606205	19.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.15	264	519851	20.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	10620m	5.376	ng/uL	
4) Benzaldehyde	6.65	77	61946	23.621	ng/ul	93
6) Phenol	6.71	94	115656	17.135	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.92	93	92402	18.868	ng/ul	96
10) 2-Chlorophenol	7.05	128	92399	18.348	ng/ul	90
11) 2-Methylphenol	7.94	108	93976	18.203	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.00	45	88616	17.930	ng/ul#	73
14) Acetophenone	8.30	105	167585	17.259	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.28	70	93159	19.145	ng/ul#	74
16) 4-Methylphenol	8.27	108	99578	17.700	ng/ul	88
17) Hexachloroethane	8.52	117	49350	18.812	ng/ul#	61
20) Nitrobenzene	8.68	77	139989	19.263	ng/ul	97
21) Isophorone	9.20	82	250368	20.141	ng/ul	96
23) 2-Nitrophenol	9.39	139	53579	19.450	ng/ul#	81
24) 2,4-Dimethylphenol	9.46	107	137949	20.426	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	126129	19.262	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	103069	20.621	ng/ul#	87
28) Naphthalene	10.29	128	343955	20.140	ng/ul	99
30) 4-Chloroaniline	10.43	127	121046	22.869	ng/ul#	87
31) Hexachlorobutadiene	10.56	225	76332	19.249	ng/ul#	84
32) Caprolactam	11.25	113	35215m	21.997	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	123050	20.374	ng/ul	93
34) 2-Methylnaphthalene	11.92	142	256077	19.700	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.30	216	143308	20.587	ng/ul#	94
37) Hexachlorocyclopentadiene	12.26	237	72196	19.058	ng/ul	97
38) 2,4,6-Trichlorophenol	12.57	196	92714	21.348	ng/ul	97
39) 2,4,5-Trichlorophenol	12.66	196	95690m	21.560	ng/ul	
40) 1,1'-Biphenyl	12.96	154	356952	21.368	ng/ul	97
41) 2-Chloronaphthalene	13.00	162	278368	20.860	ng/ul	92
42) 2-Nitroaniline	13.25	65	102208	22.636	ng/ul	93
44) Dimethylphthalate	13.61	163	371600	21.043	ng/ul	99
45) 2,6-Dinitrotoluene	13.75	165	75898	22.622	ng/ul#	77
47) Acenaphthylene	13.86	152	430450	20.623	ng/ul	97
48) 3-Nitroaniline	14.10	138	63844	22.451	ng/ul#	89
49) Acenaphthene	14.20	153	300732	20.462	ng/ul	100
50) 2,4-Dinitrophenol	14.34	184	35228	19.523	ng/ul#	79
52) 4-Nitrophenol	14.44	109	83861	25.870	ng/ul#	70
53) Dibenzofuran	14.55	168	437691	19.861	ng/ul	92
54) 2,4-Dinitrotoluene	14.56	165	116376	21.649	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.79	232	88525	19.724	ng/ul#	73
56) Diethylphthalate	14.99	149	406178	20.641	ng/ul#	93
58) Fluorene	15.20	166	367190	19.300	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.20	204	192015	19.296	ng/ul#	88
60) 4-Nitroaniline	15.27	138	66523	20.860	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.34	198	57044	17.336	ng/ul#	74
64) N-Nitrosodiphenylamine	15.42	169	308940	19.948	ng/ul	97
65) 4-Bromophenyl-phenylether	16.09	248	124799	20.753	ng/ul#	87
66) Hexachlorobenzene	16.21	284	127321	20.133	ng/ul#	82
67) Atrazine	16.39	200	132146	21.606	ng/ul	100
68) Pentachlorophenol	16.57	266	54049	16.310	ng/ul	96
69) Phenanthrene	16.94	178	605897	19.513	ng/ul	99
71) Anthracene	17.04	178	620431	19.868	ng/ul	99
72) Carbazole	17.33	167	520104	19.807	ng/ul	97
73) Di-n-butylphthalate	17.88	149	704648	20.801	ng/ul	98
74) Fluoranthene	18.98	202	747207	20.142	ng/ul#	97
77) Pyrene	19.34	202	758798	19.287	ng/ul#	94
78) Butylbenzylphthalate	20.26	149	336211	20.668	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.05	252	207416	19.929	ng/ul#	95
80) Benzo(a)anthracene	21.11	228	745005	20.164	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	467731	20.077	ng/ul#	91
82) Chrysene	21.16	228	678325	19.681	ng/ul	97
84) Di-n-octyl phthalate	21.89	149	749547	16.543	ng/ul#	89
85) Benzo(b)fluoranthene	22.64	252	684779	19.369	ng/ul#	99
86) Benzo(k)fluoranthene	22.69	252	645233	19.195	ng/ul#	99
88) Benzo(a)pyrene	23.20	252	627095	19.849	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.44	276	643186	20.980	ng/ul	96
90) Dibenzo(a,h)anthracene	25.44	278	544388	21.370	ng/ul#	98
91) Benzo(g,h,i)perylene	26.10	276	512376	20.631	ng/ul	95

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

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