Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018091.D
Acq On : 12 Dec 2018 12:26
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02092

Quant Time: Dec 12 13:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 06:24:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	100972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	422470	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	237220	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	506674	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	578445	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	610377	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	17740	8.04	ng/uL	0.00
5) Phenol-d5	6.74	99	161117	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	92135	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	140705	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	127212	16.88	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	64824	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	73518	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	133517	18.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	115920	19.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	385059	18.71	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	482191	19.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	53633	14.33	ng/ul	0.01
57) Fluorene-d10	15.20	176	327604	18.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	63273	17.47	ng/ul	0.00
70) Anthracene-d10	17.06	188	496175	19.67	ng/ul	0.00
78) Pyrene-d10	19.36	212	550463	19.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	657498	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	18068	7.676	ng/uL#	94
4) Benzaldehyde	6.72	77	28406	16.519	ng/ul	97
6) Phenol	6.77	94	158087	17.174	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	125445	17.838	ng/ul	95
10) 2-Chlorophenol	7.12	128	142187	19.723	ng/ul	97
11) 2-Methylphenol	8.00	108	121998	17.371	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.08	45	135861	16.375	ng/ul	100
14) Acetophenone	8.37	105	202517	17.244	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.35	70	98136	16.021	ng/ul	96
16) 4-Methylphenol	8.33	108	130898	17.248	ng/ul	96
17) Hexachloroethane	8.60	117	55396	18.953	ng/ul	95
20) Nitrobenzene	8.75	77	144378	17.726	ng/ul	90
21) Isophorone	9.26	82	266712	17.603	ng/ul	98
23) 2-Nitrophenol	9.45	139	77278	19.971	ng/ul	89
24) 2,4-Dimethylphenol	9.51	107	148845	18.414	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	165132	17.810	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	127931	19.142	ng/ul	98
28) Naphthalene	10.36	128	435623	19.791	ng/ul	98
30) 4-Chloroaniline	10.49	127	117794	19.008	ng/ul	98
31) Hexachlorobutadiene	10.63	225	83434	18.797	ng/ul	98
32) Caprolactam	11.29	113	37713	17.056	ng/ul	91
33) 4-Chloro-3-methylphenol	11.63	107	132273	17.426	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	307256	18.699	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	155319	19.623	ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	62472	12.239	ng/ul	100
38) 2,4,6-Trichlorophenol	12.62	196	97855	19.022	ng/ul	93
39) 2,4,5-Trichlorophenol	12.70	196	108274	19.680	ng/ul	100
40) 1,1'-Biphenyl	13.02	154	384373	19.683	ng/ul	98
41) 2-Chloronaphthalene	13.06	162	298499	19.541	ng/ul	99
42) 2-Nitroaniline	13.29	65	76688	17.240	ng/ul	99
44) Dimethylphthalate	13.67	163	374374	18.774	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	76518	19.528	ng/ul	95
47) Acenaphthylene	13.92	152	451337	19.400	ng/ul	100
48) 3-Nitroaniline	14.13	138	69837	18.682	ng/ul	95
49) Acenaphthene	14.26	153	321124	19.153	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	39523	14.876	ng/ul	96
52) 4-Nitrophenol	14.46	109	40720	13.229	ng/ul	92
53) Dibenzofuran	14.60	168	446392	18.814	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	109583	18.470	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.84	232	95645	18.854	ng/ul	97
56) Diethylphthalate	15.04	149	373994	18.206	ng/ul	98
58) Fluorene	15.26	166	366634	18.531	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.26	204	184197	18.124	ng/ul	99
60) 4-Nitroaniline	15.30	138	66149	15.918	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.36	198	65617	17.578	ng/ul	93
64) N-Nitrosodiphenylamine	15.47	169	319822	20.502	ng/ul	97
65) 4-Bromophenyl-phenylether	16.15	248	116466	20.116	ng/ul	96
66) Hexachlorobenzene	16.26	284	128061	19.899	ng/ul	96
67) Atrazine	16.44	200	113679	19.646	ng/ul	99
68) Pentachlorophenol	16.62	266	75657	18.897	ng/ul	99
69) Phenanthrene	17.00	178	572659	19.764	ng/ul	98
71) Anthracene	17.09	178	591788	19.971	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	152183	21.194	ng/uL	99
73) Pentachlorobenzene	14.52	250	150819	20.536	ng/uL	98
74) Carbazole	17.37	167	512273	19.620	ng/ul	99
75) Di-n-butylphthalate	17.94	149	648471	19.653	ng/ul	99
76) Fluoranthene	19.03	202	670467	19.673	ng/ul	99
79) Pyrene	19.39	202	679334	19.346	ng/ul	98
80) Butylbenzylphthalate	20.32	149	307378	20.472	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.10	252	230023	19.317	ng/ul	98
82) Benzo(a)anthracene	21.16	228	698507	19.469	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	476806	21.445	ng/ul	99
84) Chrysene	21.21	228	658464	19.624	ng/ul	98
86) Di-n-octyl phthalate	21.96	149	780708	18.262	ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	710947	18.738	ng/ul	96
88) Benzo(k)fluoranthene	22.74	252	707416	19.185	ng/ul	99
90) Benzo(a)pyrene	23.26	252	703475	19.552	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.50	276	841081	22.062	ng/ul	99
92) Dibenzo(a,h)anthracene	25.51	278	708277	22.005	ng/ul	98
93) Benzo(g,h,i)perylene	26.16	276	708865	23.007	ng/ul	99

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

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