Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061918\
Data File : BN001871.D
Acq On : 19 Jun 2018 11:50
Operator : JU/SJ
Sample : SSTD01082
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01082

Quant Time: Jun 19 13:05:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 13:01:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	329692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1565327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	997359	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2418530	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2869886	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2918108	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	30748	3.33	ng/uL	0.00
5) Phenol-d5	6.89	99	303312	9.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	196937	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	236848	10.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	249675	10.42	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	111673	8.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	110601	8.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	259019	10.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	235352	9.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	867183	11.01	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1068325	10.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	145807	9.97	ng/ul	0.00
57) Fluorene-d10	15.34	176	770299	11.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	99454	7.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	1222088	10.51	ng/ul	0.00
76) Pyrene-d10	19.49	212	1400984	8.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	1588186	11.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	32022	3.222	ng/uL#	77
4) Benzaldehyde	6.86	77	200201	15.965	ng/ul	97
6) Phenol	6.92	94	309260	9.855	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	247313	9.932	ng/ul	95
10) 2-Chlorophenol	7.28	128	244849	10.311	ng/ul	98
11) 2-Methylphenol	8.15	108	236599	10.280	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.24	45	394618	14.704	ng/ul#	94
14) Acetophenone	8.53	105	403001	11.316	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	200607	10.769	ng/ul	91
16) 4-Methylphenol	8.48	108	262831	10.667	ng/ul	97
17) Hexachloroethane	8.79	117	96306	9.721	ng/ul	83
20) Nitrobenzene	8.90	77	283665	9.039	ng/ul	93
21) Isophorone	9.42	82	564399	9.434	ng/ul	97
23) 2-Nitrophenol	9.61	139	123621	8.727	ng/ul	93
24) 2,4-Dimethylphenol	9.68	107	298365	9.779	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.91	93	360719	9.547	ng/ul	98
27) 2,4-Dichlorophenol	10.14	162	249887	10.906	ng/ul	95
28) Naphthalene	10.54	128	856538	10.420	ng/ul	99
30) 4-Chloroaniline	10.65	127	238889	9.712	ng/ul	98
31) Hexachlorobutadiene	10.83	225	151879	11.962	ng/ul	98
32) Caprolactam	11.39	113	82325	9.829	ng/ul	91
33) 4-Chloro-3-methylphenol	11.77	107	284378	10.557	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	630178	11.483	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	325828	10.874 ng/ul#	95
37) Hexachlorocyclopentadiene	12.51	237	169529	10.850 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.77	196	208356	10.251 ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	219935	10.378 ng/ul	96
40) 1,1'-Biphenyl	13.17	154	847429	9.981 ng/ul#	95
41) 2-Chloronaphthalene	13.22	162	658471	10.061 ng/ul	97
42) 2-Nitroaniline	13.42	65	170206	8.583 ng/ul	90
44) Dimethylphthalate	13.80	163	860740	11.044 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	148344	9.445 ng/ul	96
47) Acenaphthylene	14.06	152	1047046	10.282 ng/ul	99
48) 3-Nitroaniline	14.25	138	141124	9.307 ng/ul#	96
49) Acenaphthene	14.41	153	721902	10.397 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	50916	6.872 ng/ul#	85
52) 4-Nitrophenol	14.56	109	111853	9.893 ng/ul#	72
53) Dibenzofuran	14.75	168	1048273	11.116 ng/ul	97
54) 2,4-Dinitrotoluene	14.71	165	228366	10.256 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.97	232	195975	12.110 ng/ul#	84
56) Diethylphthalate	15.18	149	866384	10.891 ng/ul	96
58) Fluorene	15.40	166	857099	11.437 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	425719	12.294 ng/ul	93
60) 4-Nitroaniline	15.41	138	189947	11.150 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	110623	7.565 ng/ul	94
64) N-Nitrosodiphenylamine	15.61	169	751794	9.436 ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	263467	10.688 ng/ul	96
66) Hexachlorobenzene	16.40	284	301508	11.583 ng/ul#	92
67) Atrazine	16.56	200	264553	11.009 ng/ul	98
68) Pentachlorophenol	16.74	266	140633	10.234 ng/ul	96
69) Phenanthrene	17.13	178	1431497	10.274 ng/ul	99
71) Anthracene	17.22	178	1453800	10.176 ng/ul	98
72) Carbazole	17.49	167	1316864	10.749 ng/ul	98
73) Di-n-butylphthalate	18.07	149	1506631	9.043 ng/ul	99
74) Fluoranthene	19.16	202	1715474	12.390 ng/ul#	90
77) Pyrene	19.52	202	1805078	8.611 ng/ul#	88
78) Butylbenzylphthalate	20.45	149	705185	6.773 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.22	252	512180	9.135 ng/ul#	98
80) Benzo(a)anthracene	21.27	228	1893888	9.904 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.23	149	1108983	7.336 ng/ul	99
82) Chrysene	21.33	228	1752831	9.778 ng/ul	99
84) Di-n-octyl phthalate	22.12	149	1907995	7.768 ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	1838569	9.971 ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	1840685	10.340 ng/ul#	96
88) Benzo(a)pyrene	23.43	252	1755673	10.117 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	1838877	9.827 ng/ul#	88
90) Dibenzo(a,h)anthracene	25.79	278	1540421	9.882 ng/ul#	94
91) Benzo(g,h,i)perylene	26.45	276	1516838	9.755 ng/ul#	92

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

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