Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070918\
Data File : BN001994.D
Acq On : 09 Jul 2018 12:26
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02092

Quant Time: Jul 09 18:38:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 09 18:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	411655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1964543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1212123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2811059	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	3119460	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	3406643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	69943	7.38	ng/uL	0.00
5) Phenol-d5	6.88	99	761611	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	473315	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	594449	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	614414	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	311148	21.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	345315	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	642816	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	849598	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1998048	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2473072	19.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	387632	20.56	ng/ul	0.00
57) Fluorene-d10	15.33	176	1712852	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	337751	22.06	ng/ul	0.00
70) Anthracene-d10	17.18	188	2668884	19.65	ng/ul	0.00
76) Pyrene-d10	19.49	212	2997562	19.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3566725	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	70909	7.261	ng/uL#	71
4) Benzaldehyde	6.86	77	492810	21.668	ng/ul	93
6) Phenol	6.91	94	766649	20.407	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	593674	20.385	ng/ul	94
10) 2-Chlorophenol	7.28	128	590964	19.767	ng/ul	100
11) 2-Methylphenol	8.15	108	588063	20.464	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	970243	21.238	ng/ul	95
14) Acetophenone	8.52	105	964762	21.051	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	514586	21.771	ng/ul	92
16) 4-Methylphenol	8.48	108	645578	20.617	ng/ul	95
17) Hexachloroethane	8.78	117	232805	19.749	ng/ul	84
20) Nitrobenzene	8.89	77	719604	20.094	ng/ul	92
21) Isophorone	9.42	82	1454528	20.681	ng/ul	98
23) 2-Nitrophenol	9.60	139	361858	21.994	ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	723001	19.525	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	872717	19.699	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	609115	19.451	ng/ul	98
28) Naphthalene	10.53	128	2000757	19.193	ng/ul	99
30) 4-Chloroaniline	10.64	127	837275	25.387	ng/ul	98
31) Hexachlorobutadiene	10.82	225	359357	18.792	ng/ul	97
32) Caprolactam	11.39	113	234739	21.525	ng/ul	82
33) 4-Chloro-3-methylphenol	11.77	107	694640	20.123	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	1478462	19.552	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	742951	18.871 ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	463524	19.311 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.76	196	512468	19.958 ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	531018	19.421 ng/ul	99
40) 1,1'-Biphenyl	13.17	154	1928483	19.154 ng/ul#	96
41) 2-Chloronaphthalene	13.20	162	1502321	19.115 ng/ul	98
42) 2-Nitroaniline	13.41	65	483761	22.063 ng/ul	96
44) Dimethylphthalate	13.80	163	1954002	19.423 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	413000	21.742 ng/ul	97
47) Acenaphthylene	14.06	152	2385680	19.559 ng/ul	99
48) 3-Nitroaniline	14.24	138	431865	23.681 ng/ul	98
49) Acenaphthene	14.40	153	1632933	19.299 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	228843	23.479 ng/ul#	89
52) 4-Nitrophenol	14.56	109	272512	19.435 ng/ul#	70
53) Dibenzofuran	14.74	168	2333404	19.223 ng/ul	95
54) 2,4-Dinitrotoluene	14.70	165	598150	21.179 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	493208	20.438 ng/ul#	83
56) Diethylphthalate	15.17	149	1990673	19.525 ng/ul	97
58) Fluorene	15.39	166	1872767	19.338 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	924457	19.054 ng/ul	93
60) 4-Nitroaniline	15.41	138	490926	21.804 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	359401	22.115 ng/ul	96
64) N-Nitrosodiphenylamine	15.60	169	1654263	19.678 ng/ul	98
65) 4-Bromophenyl-phenylether	16.28	248	588303	19.266 ng/ul	96
66) Hexachlorobenzene	16.39	284	657006	19.104 ng/ul#	92
67) Atrazine	16.56	200	623164	20.325 ng/ul	99
68) Pentachlorophenol	16.73	266	393725	20.703 ng/ul	97
69) Phenanthrene	17.12	178	3046524	19.239 ng/ul	99
71) Anthracene	17.22	178	3178368	19.829 ng/ul	98
72) Carbazole	17.49	167	2863702	21.328 ng/ul	99
73) Di-n-butylphthalate	18.06	149	3605412	21.265 ng/ul	99
74) Fluoranthene	19.15	202	3698579	22.220 ng/ul#	88
77) Pyrene	19.52	202	3749162	19.205 ng/ul#	88
78) Butylbenzylphthalate	20.43	149	1754124	21.058 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.22	252	1402234	23.688 ng/ul#	97
80) Benzo(a)anthracene	21.28	228	3842513	19.490 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	2564759	20.647 ng/ul#	98
82) Chrysene	21.33	228	3639171	19.839 ng/ul	99
84) Di-n-octyl phthalate	22.11	149	4509385	19.960 ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	4018225	18.675 ng/ul#	96
86) Benzo(k)fluoranthene	22.91	252	3912195	18.751 ng/ul#	96
88) Benzo(a)pyrene	23.44	252	3894289	19.368 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	4685987	21.902 ng/ul#	86
90) Dibenzo(a,h)anthracene	25.79	278	3929370	22.068 ng/ul#	94
91) Benzo(g,h,i)perylene	26.46	276	3940546	22.328 ng/ul#	92

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

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