Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020519\
Data File : BN004346.D
Acq On : 05 Feb 2019 10:14
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 05 10:58:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 09 12:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	67589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	294743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	171646	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.14	188	399277	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	474778	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	508501	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	11090	8.22	ng/uL	0.00
5) Phenol-d5	6.91	99	110006	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	59688	20.38	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.29	132	97793	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	90163	20.17	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	43435	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	44810	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	97134	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	87664	20.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	295332	20.14	ng/ul	-0.01
46) Acenaphthylene-d8	14.09	160	364681	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	51160	19.40	ng/ul	0.00
57) Fluorene-d10	15.39	176	257134	20.36	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	43848	19.13	ng/ul	-0.01
70) Anthracene-d10	17.24	188	396882	20.48	ng/ul	-0.01
78) Pyrene-d10	19.54	212	460729	19.70	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.47	264	554325	20.35	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	12189	8.134	ng/uL	98
4) Benzaldehyde	6.91	77	18784	20.203	ng/ul	97
6) Phenol	6.94	94	111491	20.632	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	83792	20.444	ng/ul	99
10) 2-Chlorophenol	7.32	128	97259	20.514	ng/ul	99
11) 2-Methylphenol	8.19	108	85910	20.051	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	99002	19.937	ng/ul	99
14) Acetophenone	8.58	105	138045	20.801	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	59523	20.212	ng/ul	98
16) 4-Methylphenol	8.52	108	93672	20.626	ng/ul	99
17) Hexachloroethane	8.82	117	36464	20.148	ng/ul	96
20) Nitrobenzene	8.96	77	93253	21.399	ng/ul	100
21) Isophorone	9.47	82	176444	19.666	ng/ul	99
23) 2-Nitrophenol	9.66	139	50015	21.348	ng/ul	98
24) 2,4-Dimethylphenol	9.71	107	105519	20.497	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	115699	20.839	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	94304	20.647	ng/ul	99
28) Naphthalene	10.59	128	311733	20.320	ng/ul	100
30) 4-Chloroaniline	10.70	127	89213	21.225	ng/ul	99
31) Hexachlorobutadiene	10.86	225	64124	20.438	ng/ul	99
32) Caprolactam	11.47	113	25284	18.529	ng/ul	98
33) 4-Chloro-3-methylphenol	11.82	107	95970	20.430	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	227108	20.454	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	124823	20.712	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	76063	20.423	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	74802	20.641	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	82638	20.930	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	292063	20.455	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	228103	20.514	ng/ul	99
42) 2-Nitroaniline	13.48	65	49461	22.211	ng/ul	99
44) Dimethylphthalate	13.85	163	285839	20.056	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	55585	21.925	ng/ul	95
47) Acenaphthylene	14.12	152	340866	20.341	ng/ul	99
48) 3-Nitroaniline	14.31	138	54313	22.076	ng/ul	99
49) Acenaphthene	14.46	153	241458	20.310	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	26525	18.140	ng/ul	96
52) 4-Nitrophenol	14.60	109	38198	19.346	ng/ul	98
53) Dibenzofuran	14.79	168	344051	20.436	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	83184	22.231	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	70355	19.936	ng/ul	99
56) Diethylphthalate	15.22	149	285347	19.777	ng/ul	100
58) Fluorene	15.45	166	276048	20.510	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	145891	20.587	ng/ul	98
60) 4-Nitroaniline	15.47	138	65128	22.282	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	46323	19.307	ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	240200	20.529	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	95447	20.962	ng/ul	98
66) Hexachlorobenzene	16.43	284	107874	20.700	ng/ul	96
67) Atrazine	16.61	200	86264	19.906	ng/ul	98
68) Pentachlorophenol	16.78	266	59163	18.750	ng/ul	99
69) Phenanthrene	17.19	178	450437	20.386	ng/ul	99
71) Anthracene	17.27	178	455792	20.584	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	123062	20.970	ng/uL	99
73) Pentachlorobenzene	14.70	250	123198	20.893	ng/uL	100
74) Carbazole	17.55	167	404223	21.012	ng/ul	100
75) Di-n-butylphthalate	18.11	149	471036	20.290	ng/ul	100
76) Fluoranthene	19.20	202	547713	21.172	ng/ul	100
79) Pyrene	19.57	202	557736	19.639	ng/ul	100
80) Butylbenzylphthalate	20.47	149	217667	20.712	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.26	252	145451	15.258	ng/ul	99
82) Benzo(a)anthracene	21.32	228	601774	20.273	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	325968	20.691	ng/ul	99
84) Chrysene	21.37	228	564625	20.324	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	567579	19.106	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	631779	20.307	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	606694	20.277	ng/ul	99
90) Benzo(a)pyrene	23.52	252	602549	20.404	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.92	276	698840	20.499	ng/ul	99
92) Dibenzo(a,h)anthracene	25.93	278	576985	20.568	ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	573512	20.258	ng/ul	99

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

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