Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002686.D
Acq On : 14 Sep 2018 12:55
Operator : JU/SJ
Sample : SSTD02045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02045

Quant Time: Sep 14 13:39:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 13:33:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	142983	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	606834	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	338611	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	700788	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	629769	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	629710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24618	8.13	ng/uL	0.00
5) Phenol-d5	6.84	99	242625	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	151505	18.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	201624	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	190238	18.15	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	95058	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	105690	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	192464	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	243787	24.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	530639	18.90	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	693491	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	82713	15.59	ng/ul	0.00
57) Fluorene-d10	15.29	176	462990	19.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	81319	18.23	ng/ul	0.00
70) Anthracene-d10	17.13	188	673857	20.13	ng/ul	0.00
78) Pyrene-d10	19.44	212	669854	22.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	668861	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	27018	8.337	ng/uL	100
4) Benzaldehyde	6.80	77	160712	17.843	ng/ul	100
6) Phenol	6.86	94	246230	18.442	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	188024	18.525	ng/ul	100
10) 2-Chlorophenol	7.22	128	197793	19.674	ng/ul	100
11) 2-Methylphenol	8.10	108	183362	18.197	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	298488	17.757	ng/ul	100
14) Acetophenone	8.47	105	291352	17.388	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	150402	17.011	ng/ul	100
16) 4-Methylphenol	8.43	108	197375	18.005	ng/ul	100
17) Hexachloroethane	8.71	117	79274	18.824	ng/ul	100
20) Nitrobenzene	8.84	77	217638	18.827	ng/ul	100
21) Isophorone	9.36	82	409979	18.398	ng/ul	100
23) 2-Nitrophenol	9.55	139	112660	21.101	ng/ul	100
24) 2,4-Dimethylphenol	9.62	107	217373	19.853	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	254776	19.405	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	187933	20.793	ng/ul	100
28) Naphthalene	10.47	128	622184	19.928	ng/ul	100
30) 4-Chloroaniline	10.59	127	245464	24.063	ng/ul	100
31) Hexachlorobutadiene	10.76	225	119800	21.056	ng/ul	100
32) Caprolactam	11.35	113	57758	17.011	ng/ul	100
33) 4-Chloro-3-methylphenol	11.73	107	196618	18.905	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	441877	19.175	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	222076	21.652	ng/ul	100
37) Hexachlorocyclopentadiene	12.44	237	83459	13.395	ng/ul	100
38) 2,4,6-Trichlorophenol	12.72	196	142928	21.641	ng/ul	100
39) 2,4,5-Trichlorophenol	12.79	196	148310	20.987	ng/ul	100
40) 1,1'-Biphenyl	13.12	154	548730	20.243	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	432193	20.453	ng/ul	100
42) 2-Nitroaniline	13.37	65	124296	18.469	ng/ul	100
44) Dimethylphthalate	13.75	163	520324	18.900	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	107048	19.246	ng/ul	100
47) Acenaphthylene	14.00	152	646032	19.705	ng/ul	100
48) 3-Nitroaniline	14.20	138	107154	20.248	ng/ul	100
49) Acenaphthene	14.35	153	453166	19.595	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	46626	14.011	ng/ul	100
52) 4-Nitrophenol	14.53	109	58001	14.422	ng/ul	100
53) Dibenzofuran	14.69	168	633274	19.410	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	153057	18.251	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	119662	19.392	ng/ul	100
56) Diethylphthalate	15.12	149	512804	18.257	ng/ul	100
58) Fluorene	15.34	166	505026	18.919	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	253431	19.236	ng/ul	100
60) 4-Nitroaniline	15.37	138	115147	16.836	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.44	198	84115	18.275	ng/ul	100
64) N-Nitrosodiphenylamine	15.55	169	434990	21.242	ng/ul	100
65) 4-Bromophenyl-phenylether	16.23	248	154158	21.563	ng/ul	100
66) Hexachlorobenzene	16.35	284	168506	21.119	ng/ul	100
67) Atrazine	16.51	200	150408	20.090	ng/ul	100
68) Pentachlorophenol	16.70	266	70178	15.713	ng/ul	100
69) Phenanthrene	17.08	178	773321	20.017	ng/ul	100
71) Anthracene	17.17	178	783879	20.006	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	232906	23.768	ng/uL	100
73) Pentachlorobenzene	14.61	250	211183	22.611	ng/uL	100
74) Carbazole	17.45	167	679460	19.554	ng/ul	100
75) Di-n-butylphthalate	18.01	149	818405	19.374	ng/ul	100
76) Fluoranthene	19.10	202	834551	18.980	ng/ul	100
79) Pyrene	19.47	202	851390	22.421	ng/ul	100
80) Butylbenzylphthalate	20.37	149	348128	21.637	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.16	252	273446	21.788	ng/ul	100
82) Benzo(a)anthracene	21.22	228	785820	20.368	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	505907	20.963	ng/ul	100
84) Chrysene	21.27	228	731143	20.022	ng/ul	100
86) Di-n-octyl phthalate	22.03	149	842380	21.050	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	782007	20.717	ng/ul	100
88) Benzo(k)fluoranthene	22.83	252	707442	19.894	ng/ul	100
90) Benzo(a)pyrene	23.36	252	730424	20.314	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.67	276	859413	20.091	ng/ul	100
92) Dibenzo(a,h)anthracene	25.67	278	727661	20.348	ng/ul	100
93) Benzo(g,h,i)perylene	26.34	276	723036	20.258	ng/ul	100

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

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