Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122920\
Data File : BP004464.D
Acq On : 29 Dec 2020 18:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020087

Quant Time: Dec 29 18:30:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	252449	20.00	ng/ul	0.00
20) Naphthalene-d8	10.62	136	960248	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.47	164	567682	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1257142	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1421292	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1567650	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	48145	7.33	ng/uL	0.00
4) Pyridine-d5	3.71	84	315721	16.91	ng/ul	0.00
7) Phenol-d5	6.99	99	422886	18.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	240243	18.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	354084	20.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	329561	18.54	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	170366	21.76	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	184427	25.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.24	165	346968	22.06	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	457459	19.82	ng/ul	0.00
46) Dimethylphthalate-d6	13.88	166	923585	20.49	ng/ul	0.00
49) Acenaphthylene-d8	14.16	160	1171167	21.14	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	161615	21.90	ng/ul	0.00
60) Fluorene-d10	15.47	176	823182	20.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	134205	26.27	ng/ul	0.00
73) Anthracene-d10	17.33	188	1299022	21.02	ng/ul	0.00
81) Pyrene-d10	19.57	212	1531659	20.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	1781395	21.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	50438	7.084	ng/uL#	78
5) Pyridine	3.73	79	320215	16.965	ng/ul	95
6) Benzaldehyde	6.96	77	162204	16.173	ng/ul	95
8) Phenol	7.02	94	435972	18.880	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.25	93	352834	19.042	ng/ul	97
12) 2-Chlorophenol	7.39	128	355760	20.036	ng/ul	95
13) 2-Methylphenol	8.26	108	329906	18.773	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.35	45	378943	17.166	ng/ul	99
16) Acetophenone	8.64	105	509774	18.505	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.62	70	238740	16.501	ng/ul	95
18) 4-Methylphenol	8.59	108	348196	18.590	ng/ul	98
19) Hexachloroethane	8.90	117	157599	20.726	ng/ul	90
22) Nitrobenzene	9.02	77	394003	20.649	ng/ul	97
23) Isophorone	9.54	82	708311	18.373	ng/ul	99
25) 2-Nitrophenol	9.73	139	197370	25.770	ng/ul	93
26) 2,4-Dimethylphenol	9.79	107	359222	19.339	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.03	93	448691	19.561	ng/ul	99
29) 2,4-Dichlorophenol	10.26	162	334554	22.017	ng/ul	97
30) Naphthalene	10.67	128	1135549	21.149	ng/ul	100
32) 4-Chloroaniline	10.78	127	443277	20.109	ng/ul	100
33) Hexachlorobutadiene	10.95	225	248522	22.788	ng/ul	99
34) Caprolactam	11.53	113	105148	18.753	ng/ul	82

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.91	107	323838	19.196	ng/ul	93
36) 2-Methylnaphthalene	12.28	142	762118	20.151	ng/ul	100
37) 1-Methylnaphthalene	12.50	142	734154	20.192	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	442164	23.194	ng/ul	98
40) Hexachlorocyclopentadiene	12.63	237	176820	14.838	ng/ul	99
41) 2,4,6-Trichlorophenol	12.90	196	263750	24.027	ng/ul	99
42) 2,4,5-Trichlorophenol	12.97	196	277484	23.472	ng/ul	100
43) 1,1'-Biphenyl	13.30	154	984439	21.685	ng/ul	99
44) 2-Chloronaphthalene	13.34	162	792726	22.022	ng/ul	98
45) 2-Nitroaniline	13.55	65	191139	21.625	ng/ul	93
47) Dimethylphthalate	13.92	163	930228	20.324	ng/ul	100
48) 2,6-Dinitrotoluene	14.05	165	198761	23.927	ng/ul	94
50) Acenaphthylene	14.19	152	1158221	21.098	ng/ul	99
51) 3-Nitroaniline	14.37	138	139632	18.011	ng/ul#	96
52) Acenaphthene	14.53	153	807439	20.848	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	73645	22.998	ng/ul	97
55) 4-Nitrophenol	14.69	109	116355	20.963	ng/ul	97
56) Dibenzofuran	14.87	168	1149845	21.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.84	165	286310	25.232	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.10	232	244727	25.378	ng/ul	96
59) Diethylphthalate	15.29	149	911003	19.718	ng/ul	100
61) Fluorene	15.52	166	936756	21.030	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.52	204	490961	21.127	ng/ul	99
63) 4-Nitroaniline	15.54	138	136987	18.690	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	147370	25.853	ng/ul	94
67) N-Nitrosodiphenylamine	15.73	169	771827	19.950	ng/ul	99
68) 4-Bromophenyl-phenylether	16.42	248	313383	20.828	ng/ul	96
69) Hexachlorobenzene	16.53	284	366489	21.841	ng/ul	99
70) Atrazine	16.69	200	300600	19.891	ng/ul	98
71) Pentachlorophenol	16.89	266	177860	22.191	ng/ul	98
72) Phenanthrene	17.27	178	1533731	21.209	ng/ul	99
74) Anthracene	17.36	178	1562963	21.215	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.26	216	436001	22.846	ng/uL	99
76) Pentachlorobenzene	14.79	250	426810	22.127	ng/uL	99
77) Carbazole	17.64	167	1345795	21.509	ng/ul	100
78) Di-n-butylphthalate	18.19	149	1550774	19.014	ng/ul	99
80) Fluoranthene	19.25	202	1923958	20.320	ng/ul	99
82) Pyrene	19.60	202	1982598	20.613	ng/ul	100
83) Butylbenzylphthalate	20.47	149	733201	18.764	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.24	252	526500	16.327	ng/ul	100
85) Benzo(a)anthracene	21.31	228	2029077	21.223	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	1101187	18.678	ng/ul	99
87) Chrysene	21.36	228	1964856	21.457	ng/ul	99
89) Di-n-octyl phthalate	22.14	149	1943162	20.744	ng/ul	100
90) Benzo(b)fluoranthene	22.96	252	2099750	20.801	ng/ul	99
91) Benzo(k)fluoranthene	23.02	252	2144743	21.935	ng/ul	98
93) Benzo(a)pyrene	23.58	252	1990055	21.466	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.11	276	2515049	21.181	ng/ul	100
95) Dibenzo(a,h)anthracene	26.12	278	2092990	21.118	ng/ul	99
96) Benzo(g,h,i)perylene	26.85	276	2108203	21.158	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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