Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004314.D
Acq On : 15 Dec 2020 20:50
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02093

Quant Time: Dec 16 00:29:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	297540	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1228200	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	746925	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1598946	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1535369	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1723731	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	55000	6.49	ng/uL	0.00
5) Phenol-d5	7.01	99	464095	18.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	258720	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	377328	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	371803	19.99	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	187207	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	207441	25.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	383505	21.02	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	418948	18.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1035527	18.14	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1320680	18.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	183848	19.07	ng/ul	0.01
58) Fluorene-d10	15.49	176	920586	17.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	118204	15.41	ng/ul	0.01
71) Anthracene-d10	17.35	188	1407310	18.06	ng/ul	0.00
79) Pyrene-d10	19.59	212	1524267	19.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	1641757	18.08	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	64975	7.382	ng/uL	98
4) Benzaldehyde	6.98	77	209527	16.208	ng/ul	97
6) Phenol	7.03	94	471590	18.350	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	371712	17.546	ng/ul	97
10) 2-Chlorophenol	7.40	128	375807	19.189	ng/ul	96
11) 2-Methylphenol	8.28	108	362848	19.574	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	414956	16.385	ng/ul	98
14) Acetophenone	8.66	105	558189	18.983	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	269592	18.924	ng/ul	99
16) 4-Methylphenol	8.61	108	384388	19.374	ng/ul	99
17) Hexachloroethane	8.92	117	156429	17.392	ng/ul	87
20) Nitrobenzene	9.04	77	431408	17.369	ng/ul	98
21) Isophorone	9.56	82	797293	19.015	ng/ul	99
23) 2-Nitrophenol	9.75	139	215136	22.678	ng/ul	98
24) 2,4-Dimethylphenol	9.82	107	409696	19.137	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	491251	17.202	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	368555	19.911	ng/ul	100
28) Naphthalene	10.69	128	1214412	17.441	ng/ul	99
30) 4-Chloroaniline	10.80	127	399291	18.162	ng/ul	99
31) Hexachlorobutadiene	10.97	225	261964	18.320	ng/ul	99
32) Caprolactam	11.55	113	118506	22.297	ng/ul	87
33) 4-Chloro-3-methylphenol	11.93	107	373647	21.469	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	838626	17.902	ng/ul	97

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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) 1-Methylnaphthalene	12.53	142	979336	18.004 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	477891	17.567 ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	217988	13.965 ng/ul	97
39) 2,4,6-Trichlorophenol	12.92	196	299928	22.844 ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	313052	21.325 ng/ul	97
41) 1,1'-Biphenyl	13.32	154	1075573	17.171 ng/ul	99
42) 2-Chloronaphthalene	13.36	162	866554	17.351 ng/ul	99
43) 2-Nitroaniline	13.56	65	225069	20.655 ng/ul	94
45) Dimethylphthalate	13.94	163	1036783	17.831 ng/ul	100
46) 2,6-Dinitrotoluene	14.06	165	224210	20.708 ng/ul	94
48) Acenaphthylene	14.21	152	1293490	17.889 ng/ul	100
49) 3-Nitroaniline	14.39	138	205687	21.460 ng/ul	95
50) Acenaphthene	14.56	153	891852	17.420 ng/ul	99
51) 2,4-Dinitrophenol	14.62	184	61011	13.029 ng/ul	97
53) 4-Nitrophenol	14.70	109	132045	18.556 ng/ul	97
54) Dibenzofuran	14.89	168	1260198	17.470 ng/ul	99
55) 2,4-Dinitrotoluene	14.86	165	311203	20.252 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.12	232	270103	22.557 ng/ul	96
57) Diethylphthalate	15.32	149	1020259	18.695 ng/ul	99
59) Fluorene	15.55	166	1026220	17.787 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.54	204	540324	17.664 ng/ul	99
61) 4-Nitroaniline	15.56	138	233467	22.907 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.63	198	126202	15.155 ng/ul	99
65) N-Nitrosodiphenylamine	15.75	169	867729	18.245 ng/ul	99
66) 4-Bromophenyl-phenylether	16.44	248	343860	18.492 ng/ul	97
67) Hexachlorobenzene	16.56	284	403004	18.077 ng/ul	96
68) Atrazine	16.71	200	329152	19.945 ng/ul	99
69) Pentachlorophenol	16.90	266	192461	18.768 ng/ul	98
70) Phenanthrene	17.30	178	1633953	17.321 ng/ul	100
72) Anthracene	17.39	178	1660295	17.790 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	471283	17.569 ng/uL	100
74) Pentachlorobenzene	14.82	250	460523	17.756 ng/uL	100
75) Carbazole	17.66	167	1429546	18.823 ng/ul	99
76) Di-n-butylphthalate	18.21	149	1731191	21.395 ng/ul	100
77) Fluoranthene	19.27	202	1940900	19.269 ng/ul	97
80) Pyrene	19.62	202	1947299	18.802 ng/ul	98
81) Butylbenzylphthalate	20.49	149	734197	25.684 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.26	252	373423	14.050 ng/ul	99
83) Benzo(a)anthracene	21.33	228	1827963	18.062 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1062704	22.957 ng/ul#	98
85) Chrysene	21.39	228	1758618	17.713 ng/ul	99
87) Di-n-octyl phthalate	22.17	149	1802207	22.100 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	1896279	17.347 ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	1889799	16.833 ng/ul	99
91) Benzo(a)pyrene	23.62	252	1788844	17.536 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.17	276	2277820	17.806 ng/ul	97
93) Dibenzo(a,h)anthracene	26.18	278	1913965	17.851 ng/ul	97
94) Benzo(g,h,i)perylene	26.92	276	1910862	17.805 ng/ul	95

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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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