Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004353.D
Acq On : 17 Dec 2020 22:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02098

Quant Time: Dec 18 00:23:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 15:20:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	263110	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	1078065	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	659055	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1459519	20.00	ng/ul	-0.01
78) Chrysene-d12	21.33	240	1548107	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1694484	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	45809	6.12	ng/uL	-0.01
5) Phenol-d5	7.00	99	451554	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	248032	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	364132	22.04	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	357331	21.73	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	182013	20.62	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	200487	27.53	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	371717	23.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	416577	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1003504	19.92	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1293583	20.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	186219	21.89	ng/ul	0.00
58) Fluorene-d10	15.48	176	902485	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	154342	22.04	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1427806	20.07	ng/ul	-0.01
79) Pyrene-d10	19.58	212	1625350	20.15	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.54	264	1807176	20.25	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	48016	6.169	ng/uL	95
4) Benzaldehyde	6.98	77	203915	17.838	ng/ul	98
6) Phenol	7.02	94	461204	20.294	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	357714	19.094	ng/ul	97
10) 2-Chlorophenol	7.40	128	361553	20.877	ng/ul	97
11) 2-Methylphenol	8.27	108	349557	21.324	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	402276	17.963	ng/ul	99
14) Acetophenone	8.65	105	533348	20.512	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	254134	20.174	ng/ul	97
16) 4-Methylphenol	8.60	108	373576	21.293	ng/ul	99
17) Hexachloroethane	8.91	117	151297	19.023	ng/ul	95
20) Nitrobenzene	9.03	77	417087	19.131	ng/ul	99
21) Isophorone	9.55	82	761210	20.683	ng/ul	99
23) 2-Nitrophenol	9.74	139	208374	25.024	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	390351	20.773	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.04	93	467681	18.658	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	356804	21.960	ng/ul	99
28) Naphthalene	10.68	128	1175142	19.228	ng/ul	99
30) 4-Chloroaniline	10.79	127	395475	20.494	ng/ul	100
31) Hexachlorobutadiene	10.96	225	246553	19.643	ng/ul	99
32) Caprolactam	11.53	113	117451	25.176	ng/ul	87
33) 4-Chloro-3-methylphenol	11.92	107	358934	23.496	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	812594	19.762	ng/ul	98

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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	12.52	142	945586	19.804 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	458324	19.094 ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	189789	13.780 ng/ul	99
39) 2,4,6-Trichlorophenol	12.90	196	285979	24.686 ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	309181	23.869 ng/ul	99
41) 1,1'-Biphenyl	13.31	154	1047228	18.948 ng/ul	99
42) 2-Chloronaphthalene	13.35	162	841740	19.101 ng/ul	99
43) 2-Nitroaniline	13.55	65	219874	22.869 ng/ul	96
45) Dimethylphthalate	13.93	163	1004250	19.574 ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	219170	22.941 ng/ul	97
48) Acenaphthylene	14.20	152	1261555	19.773 ng/ul	100
49) 3-Nitroaniline	14.38	138	183476	21.694 ng/ul	94
50) Acenaphthene	14.55	153	874358	19.355 ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	83939	20.316 ng/ul	97
53) 4-Nitrophenol	14.69	109	132204	21.055 ng/ul	97
54) Dibenzofuran	14.88	168	1231357	19.346 ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	310708	22.916 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	266956	25.267 ng/ul	95
57) Diethylphthalate	15.30	149	981958	20.392 ng/ul	99
59) Fluorene	15.53	166	1007149	19.784 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	525639	19.475 ng/ul	100
61) 4-Nitroaniline	15.55	138	202573	22.526 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.62	198	163605	21.524 ng/ul	97
65) N-Nitrosodiphenylamine	15.75	169	846071	19.489 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	337615	19.891 ng/ul	99
67) Hexachlorobenzene	16.55	284	393489	19.337 ng/ul	99
68) Atrazine	16.70	200	322762	21.426 ng/ul	100
69) Pentachlorophenol	16.89	266	198714	21.229 ng/ul	99
70) Phenanthrene	17.28	178	1654554	19.215 ng/ul	100
72) Anthracene	17.37	178	1689483	19.832 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	455839	18.617 ng/uL	99
74) Pentachlorobenzene	14.80	250	443245	18.722 ng/uL	100
75) Carbazole	17.65	167	1457433	21.024 ng/ul	100
76) Di-n-butylphthalate	18.20	149	1703431	23.063 ng/ul	100
77) Fluoranthene	19.26	202	2019094	21.961 ng/ul	98
80) Pyrene	19.61	202	2065881	19.783 ng/ul	98
81) Butylbenzylphthalate	20.48	149	798988	27.721 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	520234	19.413 ng/ul	100
83) Benzo(a)anthracene	21.32	228	2044265	20.033 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1151612	24.673 ng/ul	100
85) Chrysene	21.37	228	1963214	19.611 ng/ul	100
87) Di-n-octyl phthalate	22.16	149	2001497	24.968 ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	2157175	20.074 ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	2056575	18.635 ng/ul	99
91) Benzo(a)pyrene	23.59	252	1957375	19.520 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.13	276	2487238	19.778 ng/ul	99
93) Dibenzo(a,h)anthracene	26.14	278	2079748	19.732 ng/ul	99
94) Benzo(g,h,i)perylene	26.87	276	2081322	19.728 ng/ul	97

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

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