Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP123020\
Data File : BP004468.D
Acq On : 30 Dec 2020 11:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02089

Quant Time: Dec 30 12:11:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 16:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	224727	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	811727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	434307	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	870725	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1015684	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1123375	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	45545	8.43	ng/uL	0.00
5) Phenol-d5	6.99	99	379868	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	221550	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	321968	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	296401	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	155446	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	161829	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	302151	21.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	280554	17.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	731877	21.05	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	974757	22.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	112086	17.85	ng/ul	0.01
58) Fluorene-d10	15.47	176	651349	21.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	93728	16.68	ng/ul	0.01
71) Anthracene-d10	17.33	188	957383	22.26	ng/ul	0.00
79) Pyrene-d10	19.57	212	1105575	20.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1400603	22.64	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	47462	8.595	ng/uL	97
4) Benzaldehyde	6.97	77	185958	19.417	ng/ul	98
6) Phenol	7.02	94	388545	19.795	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	322915	20.555	ng/ul	96
10) 2-Chlorophenol	7.39	128	321077	20.122	ng/ul	98
11) 2-Methylphenol	8.27	108	297644	19.819	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	347944	19.643	ng/ul	98
14) Acetophenone	8.65	105	455902	20.000	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	207643	18.018	ng/ul	98
16) 4-Methylphenol	8.59	108	307852	19.180	ng/ul	99
17) Hexachloroethane	8.90	117	145036	21.161	ng/ul	99
20) Nitrobenzene	9.03	77	348351	21.532	ng/ul	100
21) Isophorone	9.55	82	607316	20.087	ng/ul	100
23) 2-Nitrophenol	9.73	139	169128	21.147	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	312636	20.763	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	396099	20.972	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	291211	21.286	ng/ul	99
28) Naphthalene	10.67	128	1013983	22.235	ng/ul	100
30) 4-Chloroaniline	10.78	127	271498	17.755	ng/ul	98
31) Hexachlorobutadiene	10.96	225	227516	23.363	ng/ul	98
32) Caprolactam	11.53	113	75377	16.912	ng/ul	98
33) 4-Chloro-3-methylphenol	11.91	107	259393	18.815	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	660930	21.010	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	762915	20.833 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	378008	24.437 ng/ul	100
38) Hexachlorocyclopentadiene	12.64	237	144407	16.344 ng/ul	99
39) 2,4,6-Trichlorophenol	12.90	196	213284	22.264 ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	217385	21.485 ng/ul	97
41) 1,1'-Biphenyl	13.30	154	826551	23.298 ng/ul	99
42) 2-Chloronaphthalene	13.35	162	666663	23.548 ng/ul	100
43) 2-Nitroaniline	13.55	65	143148	19.978 ng/ul	96
45) Dimethylphthalate	13.93	163	730926	20.987 ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	148704	20.490 ng/ul	98
48) Acenaphthylene	14.19	152	951042	22.550 ng/ul	100
49) 3-Nitroaniline	14.37	138	109241	17.837 ng/ul	97
50) Acenaphthene	14.54	153	655233	22.175 ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	55289	13.962 ng/ul	97
53) 4-Nitrophenol	14.69	109	77842	17.661 ng/ul	98
54) Dibenzofuran	14.87	168	917352	22.048 ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	208044	19.989 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.10	232	179253	20.027 ng/ul	98
57) Diethylphthalate	15.30	149	686034	20.025 ng/ul	99
59) Fluorene	15.53	166	723299	21.454 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.52	204	386259	21.420 ng/ul	100
61) 4-Nitroaniline	15.55	138	117183	18.203 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.62	198	101312	17.086 ng/ul#	99
65) N-Nitrosodiphenylamine	15.74	169	585537	22.383 ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	237046	22.488 ng/ul	100
67) Hexachlorobenzene	16.54	284	270858	22.147 ng/ul	99
68) Atrazine	16.69	200	203578	20.633 ng/ul	100
69) Pentachlorophenol	16.89	266	119208	18.535 ng/ul	100
70) Phenanthrene	17.28	178	1124450	22.238 ng/ul	99
72) Anthracene	17.37	178	1149518	22.700 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	368513	26.141 ng/uL	99
74) Pentachlorobenzene	14.80	250	334580	23.959 ng/uL	99
75) Carbazole	17.64	167	951931	22.737 ng/ul	99
76) Di-n-butylphthalate	18.19	149	1053359	20.029 ng/ul	100
77) Fluoranthene	19.25	202	1346349	23.473 ng/ul	99
80) Pyrene	19.60	202	1424305	20.592 ng/ul	100
81) Butylbenzylphthalate	20.47	149	470771	17.828 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.24	252	358020	16.986 ng/ul	100
83) Benzo(a)anthracene	21.32	228	1501809	21.938 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	712889	18.252 ng/ul	100
85) Chrysene	21.37	228	1469924	22.240 ng/ul	99
87) Di-n-octyl phthalate	22.14	149	1283786	19.383 ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	1669086	22.779 ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	1605318	22.581 ng/ul	100
91) Benzo(a)pyrene	23.59	252	1541241	22.805 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.12	276	1988960	23.291 ng/ul	100
93) Dibenzo(a,h)anthracene	26.13	278	1652603	23.237 ng/ul	100
94) Benzo(g,h,i)perylene	26.86	276	1678281	23.426 ng/ul	99

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

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