Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001762.D
Acq On : 18 Feb 2020 16:30
Operator : CG/JU
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD16077

Quant Time: Feb 18 16:59:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 15:26:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	362927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1486411	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	893115	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1973037	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1460839	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1885887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	557863	73.42	ng/uL	0.00
5) Phenol-d5	6.85	99	4635725	150.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2532041	139.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	3861418	171.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	3707628	147.14	ng/ul	0.02
19) Nitrobenzene-d5	8.81	128	1880765	164.49	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	2023627	225.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	3832782	182.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.57	131	3790134	143.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	9658237	150.30	ng/ul	0.01
47) Acenaphthylene-d8	13.99	160	11076532	136.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	2054244	172.29	ng/ul	0.03
58) Fluorene-d10	15.30	176	7853271	134.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	1586056	199.48	ng/ul	0.02
71) Anthracene-d10	17.05	188	1973037	22.00	ng/ul	-0.09
79) Pyrene-d10	19.40	212	12183167	175.86	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	14763224	165.38	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	592806	70.981	ng/uL	98
4) Benzaldehyde	6.80	77	2069459	103.440	ng/ul	99
6) Phenol	6.88	94	4744445	144.207	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	3718263	142.645	ng/ul	98
10) 2-Chlorophenol	7.23	128	3874806	161.935	ng/ul	99
11) 2-Methylphenol	8.11	108	3729137	146.697	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	4359826	130.386	ng/ul	98
14) Acetophenone	8.48	105	5174078	124.350	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	2532894	122.467	ng/ul	97
16) 4-Methylphenol	8.45	108	3882389	138.512	ng/ul	99
17) Hexachloroethane	8.74	117	1559873	149.707	ng/ul	96
20) Nitrobenzene	8.86	77	4104730	147.662	ng/ul	94
21) Isophorone	9.39	82	7750775	146.906	ng/ul	96
23) 2-Nitrophenol	9.56	139	2177154	203.055	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	4022012	161.708	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	4874931	147.279	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	3684335	170.212	ng/ul	99
28) Naphthalene	10.49	128	11058790	137.711	ng/ul	95
30) 4-Chloroaniline	10.60	127	3740911	138.750	ng/ul	98
31) Hexachlorobutadiene	10.79	225	2462868	163.824	ng/ul	99
32) Caprolactam	11.39	113	727096	91.370	ng/ul	98
33) 4-Chloro-3-methylphenol	11.75	107	3835551	172.091	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	7791759	135.044	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	7654385	133.596 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	4178378	149.492 ng/ul	97
38) Hexachlorocyclopentadiene	12.47	237	2716007	163.153 ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	2922218	205.536 ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	3143709	196.176 ng/ul	99
41) 1,1'-Biphenyl	13.13	154	9200640	134.380 ng/ul	93
42) 2-Chloronaphthalene	13.17	162	7525954	138.900 ng/ul	95
43) 2-Nitroaniline	13.37	65	2245613	167.470 ng/ul	92
45) Dimethylphthalate	13.77	163	9553584	140.787 ng/ul	97
46) 2,6-Dinitrotoluene	13.88	165	2359051	179.534 ng/ul	94
48) Acenaphthylene	14.02	152	10732995	122.592 ng/ul#	92
49) 3-Nitroaniline	14.20	138	1869979	146.780 ng/ul	96
50) Acenaphthene	14.36	153	7861094	133.843 ng/ul	97
51) 2,4-Dinitrophenol	14.41	184	1150750	241.998 ng/ul	96
53) 4-Nitrophenol	14.53	109	1433740	154.059 ng/ul	94
54) Dibenzofuran	14.70	168	10164569	122.795 ng/ul	88
55) 2,4-Dinitrotoluene	14.67	165	3190057	164.898 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	2678852	196.503 ng/ul	99
57) Diethylphthalate	15.15	149	9623893	145.613 ng/ul	93
59) Fluorene	15.36	166	7345354	106.773 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	3978136	114.331 ng/ul	97
61) 4-Nitroaniline	15.39	138	2003410	129.619 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	1694412	188.740 ng/ul	98
65) N-Nitrosodiphenylamine	15.57	169	7267878	130.189 ng/ul	96
66) 4-Bromophenyl-phenylether	16.25	248	3389729	161.434 ng/ul	97
67) Hexachlorobenzene	16.37	284	3630992	146.295 ng/ul	96
68) Atrazine	16.54	200	3307580	158.416 ng/ul	98
69) Pentachlorophenol	16.70	266	2342411	194.593 ng/ul	99
70) Phenanthrene	17.10	178	13158126	118.424 ng/ul#	89
72) Anthracene	17.19	178	11787249	105.621 ng/ul#	90
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	4768312	160.663 ng/uL	98
74) Pentachlorobenzene	14.63	250	4360859	144.421 ng/uL	99
75) Carbazole	17.46	167	11771512	124.818 ng/ul#	90
76) Di-n-butylphthalate	18.03	149	13205579	132.896 ng/ul#	89
77) Fluoranthene	19.07	202	14409176	117.680 ng/ul#	93
80) Pyrene	19.43	202	13153590	139.784 ng/ul#	92
81) Butylbenzylphthalate	20.32	149	7281511	260.908 ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.07	252	5475593	192.098 ng/ul	99
83) Benzo(a)anthracene	21.13	228	13509229	141.205 ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.09	149	9179901	201.377 ng/ul#	89
85) Chrysene	21.19	228	12031988	130.150 ng/ul#	84
87) Di-n-octyl phthalate	21.96	149	14664233	174.096 ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	17375582	159.168 ng/ul#	90
89) Benzo(k)fluoranthene	22.75	252	13946911	126.466 ng/ul#	91
91) Benzo(a)pyrene	23.28	252	14456585	139.577 ng/ul	93
92) Indeno(1,2,3-cd)pyrene	25.62	276	21434868	157.975 ng/ul	97
93) Dibenzo(a,h)anthracene	25.64	278	15980023	141.166 ng/ul	97
94) Benzo(g,h,i)perylene	26.31	276	18892302	163.560 ng/ul	96

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

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