Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP031721\
Data File : BP004989.D
Acq On : 17 Mar 2021 14:26
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD160002

Quant Time: Mar 17 14:54:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 13:18:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	42291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	163939	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	105056	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	231177	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	250371	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	233877	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	65880	57.05	ng/uL	0.00
4) Pyridine-d5	3.63	84	466105	155.58	ng/ul	-0.01
7) Phenol-d5	6.91	99	575019	157.59	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.08	67	288367	148.13	ng/ul	0.01
11) 2-Chlorophenol-d4	7.27	132	476276	170.32	ng/ul	0.01
15) 4-Methylphenol-d8	8.45	113	454951	154.72	ng/ul	0.02
21) Nitrobenzene-d5	8.90	128	227774	175.22	ng/ul	0.01
24) 2-Nitrophenol-d4	9.61	143	263339	184.39	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.15	165	492140	176.16	ng/ul	0.01
31) 4-Chloroaniline-d4	10.67	131	631185	164.43	ng/ul	0.01
46) Dimethylphthalate-d6	13.80	166	1363460	161.86	ng/ul	0.01
49) Acenaphthylene-d8	14.08	160	1620380	173.59	ng/ul	0.01
54) 4-Nitrophenol-d4	14.62	143	257742	172.76	ng/ul	0.03
60) Fluorene-d10	15.39	176	1182064	162.23	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.52	200	287393	177.34	ng/ul	0.02
73) Anthracene-d10	17.25	188	1850299	164.34	ng/ul	0.01
81) Pyrene-d10	19.49	212	2063539	165.17	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.39	264	2213090	171.04	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	67241	52.782	ng/uL	98
5) Pyridine	3.65	79	459393	156.610	ng/ul	99
6) Benzaldehyde	6.88	77	138985	72.467	ng/ul	95
8) Phenol	6.94	94	598643	154.476	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.16	93	441570	152.185	ng/ul	98
12) 2-Chlorophenol	7.30	128	492275	166.349	ng/ul	98
13) 2-Methylphenol	8.18	108	453935	155.964	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.26	45	416886	137.353	ng/ul#	93
16) Acetophenone	8.56	105	740044	147.915	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	351714	151.090	ng/ul	96
18) 4-Methylphenol	8.53	108	482967	151.880	ng/ul	93
19) Hexachloroethane	8.80	117	199778	147.722	ng/ul	99
22) Nitrobenzene	8.94	77	530300	152.942	ng/ul	99
23) Isophorone	9.48	82	948356	157.495	ng/ul	98
25) 2-Nitrophenol	9.65	139	282476	181.645	ng/ul	97
26) 2,4-Dimethylphenol	9.71	107	550106	153.534	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.95	93	564120	156.277	ng/ul	99
29) 2,4-Dichlorophenol	10.18	162	488249	174.143	ng/ul	99
30) Naphthalene	10.58	128	1499395	159.960	ng/ul	99
32) 4-Chloroaniline	10.69	127	639208	160.985	ng/ul	99
33) Hexachlorobutadiene	10.86	225	341566	159.337	ng/ul	96
34) Caprolactam	11.52	113	83874	90.121	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	498838	154.017 ng/ul	98
36) 2-Methylnaphthalene	12.19	142	1097382	165.477 ng/ul	98
37) 1-Methylnaphthalene	12.42	142	1078194	160.333 ng/ul#	100
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	645401	171.087 ng/ul	98
40) Hexachlorocyclopentadiene	12.54	237	425644	171.817 ng/ul	99
41) 2,4,6-Trichlorophenol	12.81	196	414515	180.628 ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	444626	180.849 ng/ul	98
43) 1,1'-Biphenyl	13.22	154	1419984	165.764 ng/ul	99
44) 2-Chloronaphthalene	13.26	162	1115016	166.966 ng/ul	97
45) 2-Nitroaniline	13.47	65	310137	160.835 ng/ul	88
47) Dimethylphthalate	13.85	163	1379349	161.658 ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	310811	182.663 ng/ul	91
50) Acenaphthylene	14.11	152	1633116	167.149 ng/ul	98
51) 3-Nitroaniline	14.30	138	223894	140.726 ng/ul	91
52) Acenaphthene	14.45	153	1159310	162.404 ng/ul	96
53) 2,4-Dinitrophenol	14.51	184	221945	195.242 ng/ul	95
55) 4-Nitrophenol	14.63	109	228392	138.043 ng/ul	95
56) Dibenzofuran	14.79	168	1684236	164.182 ng/ul	97
57) 2,4-Dinitrotoluene	14.77	165	437022	175.076 ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.02	232	406052	178.418 ng/ul	97
59) Diethylphthalate	15.23	149	1387594	159.136 ng/ul	98
61) Fluorene	15.45	166	1443794	166.295 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	768461	164.009 ng/ul	96
63) 4-Nitroaniline	15.49	138	180920	113.413 ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.53	198	293772	174.134 ng/ul#	95
67) N-Nitrosodiphenylamine	15.66	169	1198781	166.234 ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	473198	167.300 ng/ul	95
69) Hexachlorobenzene	16.45	284	517650	163.581 ng/ul	98
70) Atrazine	16.62	200	465711	155.491 ng/ul	96
71) Pentachlorophenol	16.79	266	353281	176.861 ng/ul	95
72) Phenanthrene	17.19	178	2187043	161.209 ng/ul	99
74) Anthracene	17.28	178	2256129	162.458 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	656633	172.483 ng/uL	95
76) Pentachlorobenzene	14.71	250	657913	167.606 ng/uL	97
77) Carbazole	17.56	167	1912667	155.492 ng/ul	99
78) Di-n-butylphthalate	18.11	149	2383832	169.705 ng/ul	99
80) Fluoranthene	19.16	202	2595844	167.420 ng/ul	99
82) Pyrene	19.52	202	2672048	163.653 ng/ul	98
83) Butylbenzylphthalate	20.39	149	1076146	177.546 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.16	252	931597	155.609 ng/ul	97
85) Benzo(a)anthracene	21.22	228	2639670	159.552 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	1654766	183.128 ng/ul#	97
87) Chrysene	21.27	228	2540975	155.476 ng/ul	100
89) Di-n-octyl phthalate	22.03	149	2704551	166.482 ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	2837751	174.149 ng/ul	99
91) Benzo(k)fluoranthene	22.89	252	2563287	162.397 ng/ul	99
93) Benzo(a)pyrene	23.44	252	2379905	167.898 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.91	276	3119751	167.873 ng/ul#	93
95) Dibenzo(a,h)anthracene	25.92	278	2658469	166.898 ng/ul	99
96) Benzo(g,h,i)perylene	26.63	276	2541447	164.400 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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