Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005107.D
Acq On : 30 Mar 2021 17:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02086

Manual Integrations APPROVED
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Quant Time: Mar 30 17:31:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 15:02:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	23302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	95446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	64206	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	136871	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	144527	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	144425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	5220	8.46	ng/uL	0.00
5) Phenol-d5	6.89	99	42820	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	23084	21.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	31340	22.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	31661	20.66	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	14845	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	16796	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	32180	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	39766	23.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	96142	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	119209	20.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	15891	20.87	ng/ul	0.00
58) Fluorene-d10	15.36	176	82274	20.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	17895	19.80	ng/ul	0.00
71) Anthracene-d10	17.22	188	130802	21.23	ng/ul	0.00
79) Pyrene-d10	19.47	212	147819	21.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	154382	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	5615	8.585	ng/uL	99
4) Benzaldehyde	6.86	77	28673	26.371	ng/ul	92
6) Phenol	6.91	94	44802	21.111	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.14	93	34064	21.515	ng/ul	96
10) 2-Chlorophenol	7.28	128	32558	21.549	ng/ul	97
11) 2-Methylphenol	8.16	108	32289	20.908	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	26318m	22.080	ng/ul	
14) Acetophenone	8.53	105	55227	21.571	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.52	70	28198	21.896	ng/ul	96
16) 4-Methylphenol	8.48	108	36859	21.937	ng/ul	95
17) Hexachloroethane	8.78	117	14010	21.018	ng/ul	93
20) Nitrobenzene	8.91	77	42835	21.652	ng/ul	96
21) Isophorone	9.43	82	78516	22.657	ng/ul	100
23) 2-Nitrophenol	9.62	139	19064	22.375	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	42632	21.946	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	44622	21.066	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	32605	21.284	ng/ul	95
28) Naphthalene	10.55	128	104572	20.813	ng/ul	98
30) 4-Chloroaniline	10.66	127	41275	23.341	ng/ul	99
31) Hexachlorobutadiene	10.83	225	21963	19.992	ng/ul	94
32) Caprolactam	11.44	113	11532m	22.795	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	37726m	21.315	ng/ul	
34) 2-Methylnaphthalene	12.17	142	75176	20.911	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	73158	21.455	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	42125	19.767	ng/ul#	95
38) Hexachlorocyclopentadiene	12.52	237	24288	18.642	ng/ul	96
39) 2,4,6-Trichlorophenol	12.79	196	27696	21.040	ng/ul	93
40) 2,4,5-Trichlorophenol	12.86	196	29634	20.945	ng/ul	93
41) 1,1'-Biphenyl	13.19	154	99487	20.583	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	76915	20.412	ng/ul	94
43) 2-Nitroaniline	13.45	65	25360	22.714	ng/ul	95
45) Dimethylphthalate	13.83	163	101410	21.266	ng/ul	97
46) 2,6-Dinitrotoluene	13.95	165	21347	21.902	ng/ul	98
48) Acenaphthylene	14.09	152	115210	20.975	ng/ul	99
49) 3-Nitroaniline	14.27	138	20115	22.865	ng/ul	99
50) Acenaphthene	14.43	153	80710	20.449	ng/ul	98
51) 2,4-Dinitrophenol	14.49	184	12142	19.346	ng/ul	96
53) 4-Nitrophenol	14.59	109	17721	23.623	ng/ul	88
54) Dibenzofuran	14.76	168	118761	20.605	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	31289	22.490	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.99	232	28647	21.826	ng/ul	95
57) Diethylphthalate	15.20	149	100913	21.540	ng/ul	98
59) Fluorene	15.42	166	99253	20.881	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.42	204	52599	20.562	ng/ul	97
61) 4-Nitroaniline	15.45	138	22228	23.377	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	19412	20.872	ng/ul#	94
65) N-Nitrosodiphenylamine	15.63	169	88142	22.593	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	33022	22.060	ng/ul	97
67) Hexachlorobenzene	16.42	284	36483	20.887	ng/ul	97
68) Atrazine	16.59	200	33017	21.418	ng/ul	97
69) Pentachlorophenol	16.77	266	23432	20.785	ng/ul	99
70) Phenanthrene	17.16	178	160436	21.821	ng/ul	99
72) Anthracene	17.26	178	163048	21.940	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	44454	21.339	ng/uL	97
74) Pentachlorobenzene	14.68	250	43238	20.943	ng/uL	96
75) Carbazole	17.53	167	142684	22.195	ng/ul	99
76) Di-n-butylphthalate	18.09	149	171172	23.362	ng/ul	99
77) Fluoranthene	19.15	202	188553	21.696	ng/ul	100
80) Pyrene	19.50	202	196444	21.979	ng/ul	99
81) Butylbenzylphthalate	20.37	149	76277	23.300	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.14	252	66136	22.493	ng/ul	96
83) Benzo(a)anthracene	21.20	228	196455	21.954	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	114004	23.442	ng/ul	99
85) Chrysene	21.26	228	190548	21.808	ng/ul	97
87) Di-n-octyl phthalate	22.02	149	192534	22.303	ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	206002	22.260	ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	190827	21.026	ng/ul	96
91) Benzo(a)pyrene	23.40	252	177169	22.059	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.84	276	224512	21.812	ng/ul	99
93) Dibenzo(a,h)anthracene	25.85	278	188690	21.795	ng/ul	96
94) Benzo(g,h,i)perylene	26.56	276	183200	21.236	ng/ul	95

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

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