Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012043.D
Acq On : 11 Oct 2022 16:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020773

Quant Time: Oct 12 00:22:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 23:54:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	280786	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1214256	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	708333	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1308257	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	942034	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	892774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	54387	7.637	ng/uL	0.00
4) Pyridine-d5	3.705	84	367368	19.397	ng/ul	0.00
7) Phenol-d5	7.028	99	458477	20.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	267724	20.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	372018	20.754	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	363322	20.946	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	178442	20.808	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	189694	21.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	357289	21.201	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	514844	20.731	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	943588	21.034	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1162242	20.952	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	171279	19.448	ng/ul	0.00
60) Fluorene-d10	15.504	176	837511	20.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	134094	19.411	ng/ul	0.00
73) Anthracene-d10	17.363	188	1176134	20.703	ng/ul	0.00
81) Pyrene-d10	19.598	212	1136887	23.557	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	882685	20.338	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	55778	7.443	ng/uL	98
5) Pyridine	3.722	79	356472	19.644	ng/ul	99
6) Benzaldehyde	7.005	77	246845	23.298	ng/ul	100
8) Phenol	7.052	94	480272	20.258	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	387759	20.730	ng/ul	99
12) 2-Chlorophenol	7.422	128	399151	20.518	ng/ul	99
13) 2-Methylphenol	8.310	108	363031	20.531	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	408249	21.294	ng/ul	99
16) Acetophenone	8.693	105	582564	21.785	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	268019	22.005	ng/ul	98
18) 4-Methylphenol	8.640	108	400226	21.000	ng/ul	98
19) Hexachloroethane	8.940	117	150463	20.036	ng/ul	98
22) Nitrobenzene	9.069	77	413946	21.057	ng/ul	99
23) Isophorone	9.599	82	758346	21.748	ng/ul	100
25) 2-Nitrophenol	9.781	139	218786	21.416	ng/ul	96
26) 2,4-Dimethylphenol	9.840	107	416192	20.918	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	505072	21.107	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	369017	20.837	ng/ul	99
30) Naphthalene	10.716	128	1304802	20.335	ng/ul	100
32) 4-Chloroaniline	10.834	127	533678	20.844	ng/ul	99
33) Hexachlorobutadiene	10.998	225	219849	20.019	ng/ul	98
34) Caprolactam	11.628	113	112122	23.039	ng/ul	98
35) 4-Chloro-3-methylphenol	11.957	107	371114	22.119	ng/ul	97
36) 2-Methylnaphthalene	12.328	142	864472	20.922	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	868152	20.981	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	437445	20.203	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	221864	21.095	ng/ul	100
41) 2,4,6-Trichlorophenol	12.940	196	275406	21.115	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	294942	20.807	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	1095557	20.487	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	873334	20.452	ng/ul	99
45) 2-Nitroaniline	13.592	65	201383	22.108	ng/ul	98
47) Dimethylphthalate	13.969	163	993703	21.025	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	187267	22.379	ng/ul	97
50) Acenaphthylene	14.228	152	1312934	20.917	ng/ul	99
51) 3-Nitroaniline	14.422	138	201412	20.671	ng/ul	97
52) Acenaphthene	14.569	153	916223	20.505	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	111183	20.567	ng/ul	99
55) 4-Nitrophenol	14.728	109	119551	19.635	ng/ul	96
56) Dibenzofuran	14.904	168	1221934	20.234	ng/ul	97
57) 2,4-Dinitrotoluene	14.875	165	263904	21.944	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	233595	21.142	ng/ul	99
59) Diethylphthalate	15.334	149	926164	21.397	ng/ul	100
61) Fluorene	15.557	166	988348	20.850	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	475123	20.719	ng/ul	99
63) 4-Nitroaniline	15.586	138	181694	20.422	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.639	198	147448	19.744	ng/ul	96
67) N-Nitrosodiphenylamine	15.769	169	821791	21.222	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	267619	21.022	ng/ul	98
69) Hexachlorobenzene	16.563	284	300721	20.352	ng/ul	99
70) Atrazine	16.728	200	240200	20.172	ng/ul	100
71) Pentachlorophenol	16.916	266	163858	18.928	ng/ul	99
72) Phenanthrene	17.304	178	1454146	20.439	ng/ul	100
74) Anthracene	17.398	178	1454501	20.659	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	434120	20.535	ng/uL	99
76) Pentachlorobenzene	14.822	250	429815	20.702	ng/uL	99
77) Carbazole	17.675	167	1264813	20.142	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1269395	20.371	ng/ul	100
80) Fluoranthene	19.274	202	1429036	24.165	ng/ul	99
82) Pyrene	19.627	202	1486704	23.756	ng/ul	97
83) Butylbenzylphthalate	20.498	149	440494	22.204	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.274	252	385953	18.592	ng/ul	99
85) Benzo(a)anthracene	21.339	228	1212262	20.444	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.257	149	556302	20.801	ng/ul	99
87) Chrysene	21.392	228	1160340	20.330	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	896178	20.050	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1176395	20.817	ng/ul	97
91) Benzo(k)fluoranthene	23.080	252	1142718	20.558	ng/ul	99
93) Benzo(a)pyrene	23.662	252	1040767	20.643	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	1315305	20.633	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.304	278	1178129	20.600	ng/ul	97
96) Benzo(g,h,i)perylene	27.062	276	1181284	20.552	ng/ul	96

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

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