Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012061.D
Acq On : 12 Oct 2022 03:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020774

Quant Time: Oct 12 05:00:00 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	7.852	152	248985	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	983005	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	555505	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1173532	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1305973	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1393437	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	51053	8.084	ng/uL	0.00
4) Pyridine-d5	3.699	84	333971	19.886	ng/ul	0.00
7) Phenol-d5	7.022	99	396089	19.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	220570	19.405	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	322658	20.299	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	299069	19.444	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	146258	21.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	152335	21.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	287596	21.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	409579	20.372	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	734364	20.874	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	911449	20.951	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	158851	22.999	ng/ul	0.00
60) Fluorene-d10	15.498	176	672184	21.118	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	116172	18.748	ng/ul	0.00
73) Anthracene-d10	17.363	188	1046659	20.539	ng/ul	0.00
81) Pyrene-d10	19.598	212	1278305	19.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	1387182	20.479	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	53369	8.031	ng/uL	99
5) Pyridine	3.722	79	328359	20.406	ng/ul	98
6) Benzaldehyde	6.999	77	207875	22.125	ng/ul	98
8) Phenol	7.046	94	413879	19.687	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	322128	19.421	ng/ul	99
12) 2-Chlorophenol	7.416	128	349807	20.278	ng/ul	99
13) 2-Methylphenol	8.304	108	305243	19.468	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	320014	18.823	ng/ul	99
16) Acetophenone	8.687	105	459751	19.388	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	205659	19.042	ng/ul	99
18) 4-Methylphenol	8.634	108	328485	19.437	ng/ul	97
19) Hexachloroethane	8.934	117	131806	19.793	ng/ul	96
22) Nitrobenzene	9.063	77	329577	20.709	ng/ul	98
23) Isophorone	9.593	82	572496	20.280	ng/ul	98
25) 2-Nitrophenol	9.775	139	177635	21.478	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	333721	20.719	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	385870	19.919	ng/ul	98
29) 2,4-Dichlorophenol	10.310	162	299691	20.903	ng/ul	99
30) Naphthalene	10.710	128	1052741	20.266	ng/ul	99
32) 4-Chloroaniline	10.828	127	424503	20.480	ng/ul	99
33) Hexachlorobutadiene	10.993	225	178875	20.120	ng/ul	99
34) Caprolactam	11.622	113	93277	23.676	ng/ul	99
35) 4-Chloro-3-methylphenol	11.951	107	290753	21.406	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	675927	20.208	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	674296	20.130	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	335382	19.751	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	151771	18.401	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	215537	21.071	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	234443	21.089	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	839041	20.007	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	676118	20.189	ng/ul	99
45) 2-Nitroaniline	13.587	65	159230	22.289	ng/ul	98
47) Dimethylphthalate	13.963	163	780826	21.066	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	146627	22.343	ng/ul	97
50) Acenaphthylene	14.222	152	1026325	20.850	ng/ul	100
51) 3-Nitroaniline	14.416	138	176378	23.082	ng/ul	99
52) Acenaphthene	14.569	153	716496	20.446	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	93162	21.975	ng/ul	97
55) 4-Nitrophenol	14.722	109	108985	22.824	ng/ul	97
56) Dibenzofuran	14.904	168	972955	20.544	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	220743	23.405	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.134	232	191984	22.157	ng/ul	95
59) Diethylphthalate	15.328	149	750546	22.110	ng/ul	99
61) Fluorene	15.551	166	793617	21.347	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	372456	20.710	ng/ul	97
63) 4-Nitroaniline	15.581	138	185383	26.569	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.639	198	127963	19.102	ng/ul	94
67) N-Nitrosodiphenylamine	15.763	169	669772	19.282	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	214720	18.803	ng/ul	99
69) Hexachlorobenzene	16.557	284	253840	19.152	ng/ul	100
70) Atrazine	16.722	200	218380	20.445	ng/ul	99
71) Pentachlorophenol	16.910	266	156618	20.169	ng/ul	99
72) Phenanthrene	17.304	178	1292198	20.247	ng/ul	99
74) Anthracene	17.392	178	1306033	20.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	334979	17.665	ng/uL	100
76) Pentachlorobenzene	14.822	250	336881	18.089	ng/uL	98
77) Carbazole	17.669	167	1230928	21.853	ng/ul	100
78) Di-n-butylphthalate	18.216	149	1218214	21.793	ng/ul	100
80) Fluoranthene	19.269	202	1548611	18.890	ng/ul	97
82) Pyrene	19.622	202	1666298	19.206	ng/ul	95
83) Butylbenzylphthalate	20.498	149	592891	21.557	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.268	252	533135	18.526	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	1702154	20.706	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.251	149	857210	23.120	ng/ul	99
87) Chrysene	21.386	228	1609671	20.343	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1504060	21.560	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	1809689	20.517	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	1721982	19.848	ng/ul	98
93) Benzo(a)pyrene	23.657	252	1593823	20.254	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	1981396	19.914	ng/ul	95
95) Dibenzo(a,h)anthracene	26.298	278	1766721	19.793	ng/ul#	96
96) Benzo(g,h,i)perylene	27.056	276	1759536	19.614	ng/ul	96

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

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