Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
Data File : BP013307.D
Acq On : 24 Dec 2022 19:12
Operator : CG/JU
Sample : PB149810BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS810

Quant Time: Dec 25 00:23:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	597524	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2215122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1157340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2436490	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2730650	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	3171471	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	80464	5.758	ng/uL	0.00
4) Pyridine-d5	3.758	84	1148837	28.939	ng/ul	0.00
7) Phenol-d5	7.105	99	1440093	29.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	883900	30.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	1174815	30.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	1066316	26.739	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	541901	33.296	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	612827	33.446	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1081334	30.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	1191832	23.722	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	2537047	28.523	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	3032271	31.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	477734	29.859	ng/ul	0.00
60) Fluorene-d10	15.581	176	2160488	28.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	402850	25.693	ng/ul	0.00
73) Anthracene-d10	17.445	188	3410082	31.023	ng/ul	0.00
81) Pyrene-d10	19.680	212	4507432	28.758	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	4987517	31.551	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	170297	11.673	ng/uL	95
5) Pyridine	3.775	79	1192784	30.232	ng/ul	96
6) Benzaldehyde	7.075	77	916166	48.074	ng/ul	97
8) Phenol	7.134	94	1486741	30.213	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.363	93	1206014	29.860	ng/ul	98
12) 2-Chlorophenol	7.505	128	1209799	30.792	ng/ul	96
13) 2-Methylphenol	8.387	108	1102360	28.734	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1752585	31.622	ng/ul	98
16) Acetophenone	8.769	105	1715124	28.049	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.757	70	868199	28.236	ng/ul	96
18) 4-Methylphenol	8.722	108	1149812	27.058	ng/ul	99
19) Hexachloroethane	9.022	117	482235	30.714	ng/ul	98
22) Nitrobenzene	9.152	77	1292309	33.838	ng/ul	98
23) Isophorone	9.681	82	2307884	29.886	ng/ul	98
25) 2-Nitrophenol	9.869	139	651872	32.835	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	1145361	29.568	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	1462664	29.622	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	1079689	30.970	ng/ul	100
30) Naphthalene	10.804	128	3531550	30.484	ng/ul	100
32) 4-Chloroaniline	10.916	127	1216201	24.462	ng/ul	100
33) Hexachlorobutadiene	11.087	225	800550	33.445	ng/ul	99
34) Caprolactam	11.704	113	276550	23.265	ng/ul	94
35) 4-Chloro-3-methylphenol	12.040	107	972638	27.338	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	2224669	27.992	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	2199474	26.911	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	1325820	35.577	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	404626	16.685	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	811614	33.888	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	856576	33.296	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	2829683	32.555	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2253436	32.940	ng/ul	99
45) 2-Nitroaniline	13.669	65	598340	36.075	ng/ul	95
47) Dimethylphthalate	14.040	163	2561231	29.053	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	524308	32.002	ng/ul	98
50) Acenaphthylene	14.310	152	3299835	31.404	ng/ul	99
51) 3-Nitroaniline	14.492	138	522919	33.802	ng/ul	99
52) Acenaphthene	14.651	153	2248151	30.875	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	254882	22.759	ng/ul	98
55) 4-Nitrophenol	14.804	109	361706	33.132	ng/ul	93
56) Dibenzofuran	14.986	168	3123002	30.166	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	729387	30.649	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.210	232	724888	30.876	ng/ul	97
59) Diethylphthalate	15.404	149	2370877	27.665	ng/ul	100
61) Fluorene	15.634	166	2509820	30.229	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	1310981	29.858	ng/ul	99
63) 4-Nitroaniline	15.657	138	575183	42.252	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.716	198	401309	26.191	ng/ul	96
67) N-Nitrosodiphenylamine	15.845	169	2077073	30.749	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	786351	29.719	ng/ul	99
69) Hexachlorobenzene	16.645	284	964799	30.708	ng/ul	99
70) Atrazine	16.798	200	756574	28.742	ng/ul	99
71) Pentachlorophenol	16.992	266	618669	32.516	ng/ul	100
72) Phenanthrene	17.386	178	4029563	31.752	ng/ul	100
74) Anthracene	17.480	178	4061165	32.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1296496	37.296	ng/uL	99
76) Pentachlorobenzene	14.904	250	1133968	31.995	ng/uL	100
77) Carbazole	17.751	167	3788098	35.497	ng/ul	99
78) Di-n-butylphthalate	18.292	149	3934042	30.277	ng/ul	99
80) Fluoranthene	19.351	202	5290750	29.741	ng/ul	100
82) Pyrene	19.704	202	5583436	30.426	ng/ul	100
83) Butylbenzylphthalate	20.569	149	2099380	29.613	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	1991278	32.280	ng/ul	99
85) Benzo(a)anthracene	21.421	228	5909401	32.599	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	3005390	30.053	ng/ul	100
87) Chrysene	21.474	228	5501342	32.092	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	5513120	31.029	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	6221221	30.762	ng/ul	100
91) Benzo(k)fluoranthene	23.210	252	6235179	31.092	ng/ul	100
93) Benzo(a)pyrene	23.810	252	5633684	31.993	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	7442173	33.929	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	6320155	34.801	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	6130042	34.812	ng/ul	99

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

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