Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
Data File : BP013334.D
Acq On : 25 Dec 2022 12:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020722

Quant Time: Dec 25 22:27:08 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	671464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	2545117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	1292754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	2454822	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2731671	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	3185724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	122819	7.821	ng/uL	0.00
4) Pyridine-d5	3.752	84	935941	20.980	ng/ul	0.00
7) Phenol-d5	7.099	99	1123508	20.542	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.263	67	694323	21.045	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	914998	21.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	852339	19.020	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	429815	22.985	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	474786	22.553	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	859160	21.011	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.893	131	1030160	17.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	2018254	20.314	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	2327171	21.316	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	305144	17.074	ng/ul	0.00
60) Fluorene-d10	15.575	176	1608946	19.142	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	222413	14.079	ng/ul	0.00
73) Anthracene-d10	17.439	188	2352884	21.245	ng/ul	0.00
81) Pyrene-d10	19.674	212	2975275	18.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	3305535	20.817	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	126871	7.739	ng/uL#	90
5) Pyridine	3.775	79	934875	21.086	ng/ul	97
6) Benzaldehyde	7.075	77	442373	20.656	ng/ul	97
8) Phenol	7.128	94	1145644	20.717	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.357	93	920369	20.278	ng/ul	96
12) 2-Chlorophenol	7.499	128	922117	20.885	ng/ul	96
13) 2-Methylphenol	8.387	108	847627	19.661	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1356955	21.788	ng/ul	97
16) Acetophenone	8.769	105	1351074	19.663	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.752	70	680442	19.693	ng/ul	94
18) 4-Methylphenol	8.716	108	909905	19.055	ng/ul	99
19) Hexachloroethane	9.022	117	356276	20.193	ng/ul	99
22) Nitrobenzene	9.151	77	1026981	23.404	ng/ul	99
23) Isophorone	9.675	82	1796909	20.252	ng/ul	97
25) 2-Nitrophenol	9.863	139	496764	21.778	ng/ul	94
26) 2,4-Dimethylphenol	9.922	107	953930	21.433	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.157	93	1164104	20.519	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	837227	20.902	ng/ul	98
30) Naphthalene	10.804	128	2779905	20.885	ng/ul	99
32) 4-Chloroaniline	10.916	127	1030371	18.037	ng/ul	100
33) Hexachlorobutadiene	11.081	225	620178	22.550	ng/ul	99
34) Caprolactam	11.698	113	199742	14.625	ng/ul	91
35) 4-Chloro-3-methylphenol	12.040	107	741281	18.134	ng/ul	100
36) 2-Methylnaphthalene	12.410	142	1740865	19.064	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1749515	18.630	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	1045377	25.113	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	251399	9.281	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	614129	22.956	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	634262	22.072	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	2236695	23.037	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1749912	22.900	ng/ul	100
45) 2-Nitroaniline	13.669	65	438837	23.687	ng/ul	96
47) Dimethylphthalate	14.034	163	1988529	20.194	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	376956	20.598	ng/ul	97
50) Acenaphthylene	14.304	152	2498225	21.285	ng/ul	100
51) 3-Nitroaniline	14.492	138	334770	19.373	ng/ul	98
52) Acenaphthene	14.645	153	1705424	20.968	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	121829	9.739	ng/ul	94
55) 4-Nitrophenol	14.804	109	232179	19.040	ng/ul	95
56) Dibenzofuran	14.981	168	2346722	20.293	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	496053	18.661	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	502779	19.172	ng/ul	98
59) Diethylphthalate	15.398	149	1756213	18.346	ng/ul	100
61) Fluorene	15.634	166	1837094	19.809	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.622	204	978656	19.954	ng/ul	98
63) 4-Nitroaniline	15.657	138	298873	19.655	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.716	198	218098	14.128	ng/ul	98
67) N-Nitrosodiphenylamine	15.839	169	1473074	21.644	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	572649	21.480	ng/ul	99
69) Hexachlorobenzene	16.639	284	660892	20.878	ng/ul	97
70) Atrazine	16.798	200	518179	19.538	ng/ul	99
71) Pentachlorophenol	16.986	266	395014	20.606	ng/ul	99
72) Phenanthrene	17.386	178	2699648	21.114	ng/ul	99
74) Anthracene	17.475	178	2756196	21.589	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	983341	28.077	ng/uL	100
76) Pentachlorobenzene	14.898	250	872246	24.427	ng/uL	99
77) Carbazole	17.745	167	2451199	22.798	ng/ul	99
78) Di-n-butylphthalate	18.286	149	2478285	18.931	ng/ul	100
80) Fluoranthene	19.351	202	3414571	19.187	ng/ul	98
82) Pyrene	19.704	202	3641534	19.837	ng/ul	98
83) Butylbenzylphthalate	20.569	149	1259386	17.758	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	1132887	18.358	ng/ul	100
85) Benzo(a)anthracene	21.416	228	3895379	21.481	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	1823747	18.230	ng/ul	99
87) Chrysene	21.468	228	3655989	21.319	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	3375038	18.911	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	4053867	19.955	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	4077330	20.241	ng/ul	100
93) Benzo(a)pyrene	23.804	252	3655699	20.667	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	4910199	22.286	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	4081682	22.375	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	3974131	22.467	ng/ul	98

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

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