

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061815.D
 Acq On : 1 Jul 2024 16:47
 Operator : MA/JU
 Sample : PB161602BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS602

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 18:08:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	72076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	332540	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	222311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	485318	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	378838	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	440569	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	11854	5.941	ng/uL	0.00
4) Pyridine-d5	3.875	84	161901	26.838	ng/u1	0.00
7) Phenol-d5	7.207	99	227211	29.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	137188	28.126	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	160088	29.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	168491	27.855	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	81841	36.246	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	96762	42.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	179143	33.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.996	131	221706	27.043	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	514063	30.049	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	593174	31.638	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	93192	31.718	ng/u1	0.01
60) Fluorene-d10	15.679	176	456367	30.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	69542	33.510	ng/u1	0.00
73) Anthracene-d10	17.530	188	702980	31.733	ng/u1	0.00
81) Pyrene-d10	19.810	212	739550	34.949	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.692	264	700455	33.288	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	24869	10.030	ng/uL#	81
5) Pyridine	3.893	79	157312	24.259	ng/u1	97
6) Benzaldehyde	7.195	77	130644	33.930	ng/u1	94
8) Phenol	7.236	94	232500	28.237	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.477	93	169557	27.359	ng/u1	96
12) 2-Chlorophenol	7.618	128	164593	30.554	ng/u1	96
13) 2-Methylphenol	8.493	108	165719	28.766	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.576	45	354945	28.033	ng/u1	95
16) Acetophenone	8.881	105	271611	27.270	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.864	70	138557	25.896	ng/u1#	97
18) 4-Methylphenol	8.822	108	175558	27.201	ng/u1	92
19) Hexachloroethane	9.140	117	65439	30.297	ng/u1	93
22) Nitrobenzene	9.263	77	219196	33.699	ng/u1	92
23) Isophorone	9.786	82	409554	27.378	ng/u1	98
25) 2-Nitrophenol	9.974	139	90996	38.053	ng/u1#	80
26) 2,4-Dimethylphenol	10.027	107	160855	24.051	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.268	93	247188	29.210	ng/u1	95
29) 2,4-Dichlorophenol	10.509	162	158898	32.028	ng/u1	97
30) Naphthalene	10.920	128	542502	29.156	ng/u1	99
32) 4-Chloroaniline	11.026	127	201048	24.727	ng/u1	98
33) Hexachlorobutadiene	11.196	225	116166	33.897	ng/u1	90
34) Caprolactam	11.784	113	56774m	27.675	ng/u1	
35) 4-Chloro-3-methylphenol	12.136	107	199679	28.781	ng/u1	94
36) 2-Methylnaphthalene	12.518	142	385064	29.329	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061815.D
 Acq On : 1 Jul 2024 16:47
 Operator : MA/JU
 Sample : PB161602BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS602

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 18:08:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	385731	27.535	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.882	216	210642	33.480	ng/ul	98
40) Hexachlorocyclopentadiene	12.853	237	59206	15.816	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.117	196	132885	32.736	ng/ul	89
42) 2,4,5-Trichlorophenol	13.188	196	147041	33.233	ng/ul	92
43) 1,1'-Biphenyl	13.523	154	516919	32.099	ng/ul	99
44) 2-Chloronaphthalene	13.564	162	386178	31.219	ng/ul	99
45) 2-Nitroaniline	13.764	65	165046	38.976	ng/ul	98
47) Dimethylphthalate	14.134	163	487310	28.685	ng/ul	98
48) 2,6-Dinitrotoluene	14.257	165	104182	36.956	ng/ul	89
50) Acenaphthylene	14.410	152	620148	29.632	ng/ul	98
51) 3-Nitroaniline	14.586	138	106332	36.833	ng/ul	92
52) Acenaphthene	14.751	153	425565	29.362	ng/ul	94
53) 2,4-Dinitrophenol	14.792	184	38149	26.630	ng/ul	93
55) 4-Nitrophenol	14.892	109	94379	31.106	ng/ul	91
56) Dibenzofuran	15.086	168	607773	29.966	ng/ul	93
57) 2,4-Dinitrotoluene	15.039	165	156120	37.309	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.303	232	122678	28.277	ng/ul	96
59) Diethylphthalate	15.497	149	512351	29.283	ng/ul	95
61) Fluorene	15.732	166	494625	29.468	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.726	204	248855	29.865	ng/ul	96
63) 4-Nitroaniline	15.750	138	114032	37.285	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.803	198	73026	31.067	ng/ul#	87
67) N-Nitrosodiphenylamine	15.938	169	423417	33.738	ng/ul	98
68) 4-Bromophenyl-phenylether	16.619	248	173923	34.806	ng/ul	93
69) Hexachlorobenzene	16.725	284	197748	32.610	ng/ul	94
70) Atrazine	16.878	200	85715	17.099	ng/ul#	93
71) Pentachlorophenol	17.072	266	97186	26.309	ng/ul	96
72) Phenanthrene	17.471	178	795645	31.162	ng/ul	97
74) Anthracene	17.565	178	787243	30.151	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	213357	39.459	ng/ul	98
76) Pentachlorobenzene	14.998	250	228944	35.258	ng/ul	94
77) Carbazole	17.830	167	703347	31.726	ng/ul	99
78) Di-n-butylphthalate	18.388	149	894361	33.731	ng/ul	99
80) Fluoranthene	19.475	202	874822	35.630	ng/ul	98
82) Pyrene	19.839	202	903556	34.609	ng/ul	95
83) Butylbenzylphthalate	20.720	149	373344	39.276	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.584	252	266212	33.234	ng/ul	99
85) Benzo(a)anthracene	21.672	228	851559	32.023	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.578	149	520936	37.283	ng/ul	100
87) Chrysene	21.737	228	795669	31.621	ng/ul	99
89) Di-n-octyl phthalate	22.794	149	902543	38.841	ng/ul	100
90) Benzo(b)fluoranthene	23.887	252	849293	32.068	ng/ul	96
91) Benzo(k)fluoranthene	23.952	252	879940	32.307	ng/ul	99
93) Benzo(a)pyrene	24.757	252	759235	29.778	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.576	276	1071714	33.731	ng/ul	98
95) Dibenzo(a,h)anthracene	28.646	278	877049	33.197	ng/ul	96
96) Benzo(g,h,i)perylene	29.721	276	837262	32.691	ng/ul	100

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

