

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061879.D
 Acq On : 4 Jul 2024 1:04
 Operator : MA/JU
 Sample : PB161806BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS806

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:47:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	35254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	179538	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	130044	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	320587	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	283915	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	331011	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	5777m	6.158	ng/uL	0.00
4) Pyridine-d5	3.904	84	79170	27.446	ng/u1	0.00
7) Phenol-d5	7.247	99	124872	32.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	73613	30.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	88624	33.488	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	99781	32.848	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	45818	33.555	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	55973	35.896	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	106903	35.544	ng/u1	0.00
31) 4-Chloroaniline-d4	11.043	131	136682	31.302	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	358590	33.540	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	394631	35.300	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	63430	37.151	ng/u1	0.00
60) Fluorene-d10	15.708	176	314527	34.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	62991	37.413	ng/u1	0.00
73) Anthracene-d10	17.559	188	499499	33.372	ng/u1	0.00
81) Pyrene-d10	19.839	212	578897	34.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	596034	36.307	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	10699	10.332	ng/uL#	89
5) Pyridine	3.928	79	79935	27.020	ng/u1	93
6) Benzaldehyde	7.230	77	70244	34.401	ng/u1	92
8) Phenol	7.277	94	127283	32.224	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.512	93	91041	30.003	ng/u1	95
12) 2-Chlorophenol	7.653	128	86714	32.162	ng/u1	92
13) 2-Methylphenol	8.534	108	89474	31.737	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	195819	29.538	ng/u1#	97
16) Acetophenone	8.922	105	159897	31.867	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.899	70	83446	29.705	ng/u1	93
18) 4-Methylphenol	8.863	108	106458	33.719	ng/u1	93
19) Hexachloroethane	9.181	117	37058	31.684	ng/u1	91
22) Nitrobenzene	9.304	77	130982	33.794	ng/u1	94
23) Isophorone	9.827	82	257798	29.441	ng/u1	99
25) 2-Nitrophenol	10.015	139	54857	34.497	ng/u1	94
26) 2,4-Dimethylphenol	10.074	107	93949	24.686	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.309	93	140186	29.071	ng/u1	99
29) 2,4-Dichlorophenol	10.555	162	95427	33.777	ng/u1	98
30) Naphthalene	10.961	128	316399	32.082	ng/u1	96
32) 4-Chloroaniline	11.067	127	119986	28.004	ng/u1	96
33) Hexachlorobutadiene	11.231	225	70542	33.180	ng/u1#	86
34) Caprolactam	11.819	113	37519m	33.896	ng/u1	
35) 4-Chloro-3-methylphenol	12.177	107	131651	34.988	ng/u1	96
36) 2-Methylnaphthalene	12.559	142	233305	32.654	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.776	142	238321	32.098	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.917	216	136358	34.916	ng/ul	99
40) Hexachlorocyclopentadiene	12.894	237	60184	23.150	ng/ul	95
41) 2,4,6-Trichlorophenol	13.158	196	85652	33.021	ng/ul	96
42) 2,4,5-Trichlorophenol	13.229	196	96833	33.984	ng/ul	93
43) 1,1'-Biphenyl	13.558	154	334462	33.380	ng/ul	96
44) 2-Chloronaphthalene	13.605	162	247013	32.848	ng/ul	99
45) 2-Nitroaniline	13.799	65	112203	37.259	ng/ul	96
47) Dimethylphthalate	14.169	163	335387	32.614	ng/ul	97
48) 2,6-Dinitrotoluene	14.292	165	70703	36.242	ng/ul	96
50) Acenaphthylene	14.445	152	407977	33.251	ng/ul	97
51) 3-Nitroaniline	14.621	138	71563	37.685	ng/ul	91
52) Acenaphthene	14.786	153	281741	33.254	ng/ul	99
53) 2,4-Dinitrophenol	14.827	184	38731	38.001	ng/ul	92
55) 4-Nitrophenol	14.927	109	74616	38.291	ng/ul	94
56) Dibenzofuran	15.115	168	404437	33.775	ng/ul	97
57) 2,4-Dinitrotoluene	15.074	165	109353	38.222	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.338	232	82352	32.007	ng/ul	97
59) Diethylphthalate	15.526	149	358398	32.342	ng/ul	97
61) Fluorene	15.761	166	345061	33.885	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.749	204	167733	32.792	ng/ul	98
63) 4-Nitroaniline	15.785	138	76633	39.771	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.837	198	65502	36.150	ng/ul#	90
67) N-Nitrosodiphenylamine	15.967	169	294633	33.653	ng/ul	94
68) 4-Bromophenyl-phenylether	16.648	248	119786	32.936	ng/ul	97
69) Hexachlorobenzene	16.760	284	141384	33.807	ng/ul	97
70) Atrazine	16.907	200	63330	18.324	ng/ul	99
71) Pentachlorophenol	17.107	266	69905	30.410	ng/ul	98
72) Phenanthrene	17.500	178	555921	32.887	ng/ul	97
74) Anthracene	17.594	178	559978	32.055	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	135332	33.989	ng/ul	97
76) Pentachlorobenzene	15.032	250	154303	33.977	ng/ul	95
77) Carbazole	17.859	167	508359	34.578	ng/ul	96
78) Di-n-butylphthalate	18.411	149	616978	32.687	ng/ul	99
80) Fluoranthene	19.504	202	655084	33.147	ng/ul	97
82) Pyrene	19.868	202	677410	33.183	ng/ul#	96
83) Butylbenzylphthalate	20.743	149	277846	32.430	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.613	252	252395	37.367	ng/ul	95
85) Benzo(a)anthracene	21.701	228	682543	33.203	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	396913	32.285	ng/ul#	98
87) Chrysene	21.772	228	649235	33.737	ng/ul	98
89) Di-n-octyl phthalate	22.823	149	695859	34.410	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	706974	33.900	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	719460	34.595	ng/ul	95
93) Benzo(a)pyrene	24.809	252	623473	31.571	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.664	276	889410	35.243	ng/ul	99
95) Dibenzo(a,h)anthracene	28.728	278	733535	35.193	ng/ul	99
96) Benzo(g,h,i)perylene	29.815	276	687756	34.256	ng/ul	99

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

