

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062121.D
 Acq On : 17 Jul 2024 20:32
 Operator : MA/JU
 Sample : PB162055BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 02:55:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	19824	20.000	ng/u1	0.00
20) Naphthalene-d8	10.853	136	100726	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.678	164	74900	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	183912	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.681	240	166381	20.000	ng/u1	# 0.00
88) Perylene-d12	24.901	264	193362	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2430	4.606	ng/uL	0.00
4) Pyridine-d5	3.861	84	34978	21.564	ng/u1	0.00
7) Phenol-d5	7.228	99	56336	25.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	27522	20.033	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	40532	27.237	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	43181	25.280	ng/u1	0.00
21) Nitrobenzene-d5	9.214	128	22911	29.908	ng/u1	0.00
24) 2-Nitrophenol-d4	9.930	143	27836	31.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	52272	30.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.994	131	57130	23.320	ng/u1	0.00
46) Dimethylphthalate-d6	14.079	166	173215	28.129	ng/u1	0.00
49) Acenaphthylene-d8	14.372	160	184333	28.628	ng/u1	0.00
54) 4-Nitrophenol-d4	14.913	143	25969	26.408	ng/u1	0.00
60) Fluorene-d10	15.665	176	162079	31.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	31130	32.230	ng/u1	0.00
73) Anthracene-d10	17.522	188	257372	29.974	ng/u1	0.00
81) Pyrene-d10	19.807	212	290172	29.651	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.684	264	297943	31.069	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	4902	8.419	ng/uL#	85
5) Pyridine	3.879	79	35163	21.138	ng/u1	96
6) Benzaldehyde	7.181	77	29026	25.280	ng/u1#	88
8) Phenol	7.251	94	58788	26.467	ng/u1#	76
10) Bis(2-Chloroethyl)ether	7.463	93	35572	20.847	ng/u1	88
12) 2-Chlorophenol	7.616	128	44784	29.539	ng/u1	96
13) 2-Methylphenol	8.503	108	43611	27.509	ng/u1#	77
14) 2,2'-oxybis(1-Chloropr...	8.561	45	67116	18.004	ng/u1#	98
16) Acetophenone	8.873	105	72293	25.622	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.849	70	36583	23.159	ng/u1#	85
18) 4-Methylphenol	8.832	108	45780	25.786	ng/u1	99
19) Hexachloroethane	9.120	117	18600	28.281	ng/u1	90
22) Nitrobenzene	9.255	77	59774	27.488	ng/u1#	95
23) Isophorone	9.778	82	107003	21.781	ng/u1#	94
25) 2-Nitrophenol	9.966	139	25830	28.953	ng/u1#	83
26) 2,4-Dimethylphenol	10.030	107	49972	23.404	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.254	93	54030	19.971	ng/u1	99
29) 2,4-Dichlorophenol	10.512	162	47656	30.066	ng/u1	95
30) Naphthalene	10.906	128	150024	27.115	ng/u1#	96
32) 4-Chloroaniline	11.023	127	55715	23.178	ng/u1	97
33) Hexachlorobutadiene	11.170	225	37739	31.640	ng/u1#	90
34) Caprolactam	11.799	113	17047m	27.451	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	62632	29.669	ng/u1	99
36) 2-Methylnaphthalene	12.510	142	110307	27.519	ng/u1	97

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37) 1-Methylnaphthalene	12.727	142	115944	27.834	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.874	216	68599	30.498	ng/ul	92
40) Hexachlorocyclopentadiene	12.845	237	25064	16.739	ng/ul	91
41) 2,4,6-Trichlorophenol	13.121	196	42737	28.607	ng/ul	97
42) 2,4,5-Trichlorophenol	13.209	196	47102m	28.701	ng/ul	
43) 1,1'-Biphenyl	13.515	154	159097	27.568	ng/ul#	96
44) 2-Chloronaphthalene	13.556	162	121772	28.115	ng/ul	92
45) 2-Nitroaniline	13.767	65	52062	30.016	ng/ul	95
47) Dimethylphthalate	14.126	163	163499	27.605	ng/ul#	97
48) 2,6-Dinitrotoluene	14.255	165	35416	31.520	ng/ul#	94
50) Acenaphthylene	14.402	152	196932	27.867	ng/ul	99
51) 3-Nitroaniline	14.590	138	36395	33.276	ng/ul	88
52) Acenaphthene	14.742	153	133577	27.374	ng/ul	96
53) 2,4-Dinitrophenol	14.801	184	17333m	29.527	ng/ul	
55) 4-Nitrophenol	14.925	109	43489	38.748	ng/ul#	64
56) Dibenzofuran	15.077	168	199824	28.974	ng/ul	97
57) 2,4-Dinitrotoluene	15.048	165	56798	34.469	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.307	232	35221	23.767	ng/ul#	91
59) Diethylphthalate	15.483	149	175710	27.530	ng/ul	98
61) Fluorene	15.724	166	172010	29.327	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.712	204	91952	31.212	ng/ul	94
63) 4-Nitroaniline	15.759	138	39193	35.315	ng/ul#	51
66) 4,6-Dinitro-2-methylph...	15.812	198	32274	31.048	ng/ul#	88
67) N-Nitrosodiphenylamine	15.929	169	147639	29.395	ng/ul	98
68) 4-Bromophenyl-phenylether	16.605	248	65916	31.593	ng/ul	97
69) Hexachlorobenzene	16.723	284	78428	32.690	ng/ul	94
70) Atrazine	16.875	200	12922	6.517	ng/ul#	94
71) Pentachlorophenol	17.081	266	11843	8.981	ng/ul#	86
72) Phenanthrene	17.463	178	292199	30.132	ng/ul	98
74) Anthracene	17.557	178	283801	28.319	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.479	216	69054	30.231	ng/ul	95
76) Pentachlorobenzene	14.989	250	81249	31.187	ng/ul	96
77) Carbazole	17.833	167	249267	29.555	ng/ul#	95
78) Di-n-butylphthalate	18.368	149	309651	28.597	ng/ul#	97
80) Fluoranthene	19.472	202	335218	28.944	ng/ul#	87
82) Pyrene	19.837	202	347589	29.054	ng/ul#	86
83) Butylbenzylphthalate	20.706	149	133319	26.553	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.582	252	129166	32.632	ng/ul	93
85) Benzo(a)anthracene	21.664	228	349393	29.004	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.552	149	182691	25.357	ng/ul	99
87) Chrysene	21.728	228	321187	28.481	ng/ul	99
89) Di-n-octyl phthalate	22.757	149	315715	26.726	ng/ul	100
90) Benzo(b)fluoranthene	23.879	252	360757	29.613	ng/ul#	96
91) Benzo(k)fluoranthene	23.949	252	361600	29.765	ng/ul#	92
93) Benzo(a)pyrene	24.754	252	308892	26.776	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.579	276	459330	31.158	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.638	278	379861	31.199	ng/ul#	96
96) Benzo(g,h,i)perylene	29.743	276	354276	30.207	ng/ul#	91

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

