

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
 Data File : BG062339.D
 Acq On : 8 Aug 2024 21:38
 Operator : MA/JU
 Sample : P3434-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E05T4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 08 23:40:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:46:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	60552	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	291073	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.573	164	221558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.317	188	475595	20.000	ng/u1	0.00
79) Chrysene-d12	21.552	240	467891	20.000	ng/u1	-0.01
88) Perylene-d12	24.642	264	534955	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	5598	3.986	ng/uL	0.00
4) Pyridine-d5	3.823	84	100846	22.827	ng/u1	0.00
7) Phenol-d5	7.113	99	166448	28.799	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	101020	28.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	121950	29.451	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	131515	27.319	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	65835	36.681	ng/u1	0.00
24) 2-Nitrophenol-d4	9.833	143	74134	43.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	156695	31.954	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	193723	27.237	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	510231	29.849	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	585339	30.201	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	71292	29.790	ng/u1	0.00
60) Fluorene-d10	15.566	176	470857	30.688	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	68294	48.487	ng/u1	0.00
73) Anthracene-d10	17.417	188	697789	30.419	ng/u1	0.00
81) Pyrene-d10	19.696	212	866754	31.167	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.431	264	939563	32.855	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.453	88	17115	10.795	ng/uL#	87
5) Pyridine	3.841	79	133623	29.099	ng/u1	98
6) Benzaldehyde	7.095	77	109464	35.838	ng/u1	100
8) Phenol	7.142	94	205396	33.680	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.377	93	145962	32.296	ng/u1	97
12) 2-Chlorophenol	7.518	128	147309	33.484	ng/u1	93
13) 2-Methylphenol	8.388	108	153001	33.273	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.476	45	306685	33.213	ng/u1	100
16) Acetophenone	8.775	105	253038	33.006	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.764	70	138309	33.947	ng/u1	96
18) 4-Methylphenol	8.723	108	174613	33.910	ng/u1	93
19) Hexachloroethane	9.040	117	55572	33.990	ng/u1	98
22) Nitrobenzene	9.151	77	192863	37.786	ng/u1	100
23) Isophorone	9.680	82	401599	32.707	ng/u1	99
25) 2-Nitrophenol	9.862	139	92242	45.041	ng/u1	93
26) 2,4-Dimethylphenol	9.921	107	133620	22.794	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.162	93	225959	32.632	ng/u1	99
29) 2,4-Dichlorophenol	10.391	162	177905	35.795	ng/u1	99
30) Naphthalene	10.802	128	547822	33.111	ng/u1	100
32) 4-Chloroaniline	10.902	127	197579	28.421	ng/u1	100
33) Hexachlorobutadiene	11.096	225	122528	32.573	ng/u1	99
34) Caprolactam	11.666	113	56071m	32.253	ng/u1	
35) 4-Chloro-3-methylphenol	12.024	107	204782	36.718	ng/u1	98
36) 2-Methylnaphthalene	12.406	142	401753	35.246	ng/u1	99

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37) 1-Methylnaphthalene	12.623	142	406497	34.421	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.770	216	261080	36.093	ng/ul	98
40) Hexachlorocyclopentadiene	12.758	237	91857	32.676	ng/ul	99
41) 2,4,6-Trichlorophenol	13.005	196	161574	38.512	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	176012	38.939	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	578178	34.443	ng/ul	100
44) 2-Chloronaphthalene	13.451	162	449936	34.495	ng/ul	99
45) 2-Nitroaniline	13.651	65	146660	44.147	ng/ul	92
47) Dimethylphthalate	14.033	163	565357	32.968	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	108996	46.551	ng/ul	95
50) Acenaphthylene	14.297	152	695279	33.668	ng/ul	97
51) 3-Nitroaniline	14.474	138	106008	39.771	ng/ul#	97
52) Acenaphthene	14.638	153	506502	32.943	ng/ul	98
53) 2,4-Dinitrophenol	14.673	184	54180	58.196	ng/ul#	82
55) 4-Nitrophenol	14.773	109	81875	38.247	ng/ul	98
56) Dibenzofuran	14.973	168	710828	33.466	ng/ul	100
57) 2,4-Dinitrotoluene	14.932	165	158133	49.235	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.196	232	158960	39.053	ng/ul	99
59) Diethylphthalate	15.402	149	555438	32.076	ng/ul	99
61) Fluorene	15.625	166	542805	32.683	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.619	204	280277	32.732	ng/ul	97
63) 4-Nitroaniline	15.631	138	108542	42.254	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.695	198	93264	57.467	ng/ul	96
67) N-Nitrosodiphenylamine	15.831	169	488233	34.258	ng/ul	99
68) 4-Bromophenyl-phenylether	16.506	248	192740	35.569	ng/ul	99
69) Hexachlorobenzene	16.624	284	218609	34.680	ng/ul	96
70) Atrazine	16.776	200	170221	31.176	ng/ul	98
71) Pentachlorophenol	16.964	266	137086	41.301	ng/ul	98
72) Phenanthrene	17.358	178	908070	33.923	ng/ul	99
74) Anthracene	17.446	178	904212	32.912	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	254388	35.714	ng/ul	99
76) Pentachlorobenzene	14.897	250	248669	33.371	ng/ul	95
77) Carbazole	17.710	167	768922	34.127	ng/ul	99
78) Di-n-butylphthalate	18.286	149	944362	35.224	ng/ul	100
80) Fluoranthene	19.361	202	1068445	33.978	ng/ul	99
82) Pyrene	19.725	202	1133275	33.842	ng/ul	100
83) Butylbenzylphthalate	20.618	149	426240	36.880	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.452	252	349333	33.168	ng/ul	99
85) Benzo(a)anthracene	21.535	228	1184550	34.569	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.470	149	628935	35.259	ng/ul	98
87) Chrysene	21.599	228	1110045	34.316	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1097713	36.022	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	1176713	36.161	ng/ul	99
91) Benzo(k)fluoranthene	23.738	252	1145845	34.612	ng/ul	100
93) Benzo(a)pyrene	24.501	252	1055314	34.274	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.132	276	1423052	35.664	ng/ul	99
95) Dibenzo(a,h)anthracene	28.202	278	1162239	35.663	ng/ul	97
96) Benzo(g,h,i)perylene	29.224	276	1092300	36.050	ng/ul	97

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

