

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063275.D
 Acq On : 9 Nov 2024 21:48
 Operator : RC/JU
 Sample : PB164770BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS770

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 00:53:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	136421	20.000	ng/u1	0.00
20) Naphthalene-d8	10.626	136	648203	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	558127	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	1289607m	20.000	ng/u1	0.00
79) Chrysene-d12	21.478	240	1322440	20.000	ng/u1	# 0.00
88) Perylene-d12	24.510	264	1376082	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	17136	5.680	ng/uL	0.00
4) Pyridine-d5	3.705	84	270785	27.155	ng/u1	0.00
7) Phenol-d5	7.007	99	396866	32.240	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	211238	29.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.371	132	272484	34.103	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	328958	31.528	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	150096	32.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	181793	30.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	377313	32.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	396674	26.349	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1151355	26.336	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1299774	30.375	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	177940	29.727	ng/u1	0.01
60) Fluorene-d10	15.468	176	1075170	29.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	239862	29.595	ng/u1	0.00
73) Anthracene-d10	17.324	188	1740465	31.402	ng/u1	0.00
81) Pyrene-d10	19.622	212	2131943	32.154	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	2167004	32.616	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	33984	9.150	ng/uL#	86
5) Pyridine	3.723	79	272478	26.781	ng/u1	98
6) Benzaldehyde	6.978	77	24469	3.597	ng/u1	93
8) Phenol	7.037	94	406654	30.314	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.260	93	260135	28.513	ng/u1	90
12) 2-Chlorophenol	7.401	128	273043	31.947	ng/u1	95
13) 2-Methylphenol	8.282	108	295071	30.113	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.353	45	344083	29.839	ng/u1	98
16) Acetophenone	8.652	105	476961	28.391	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.641	70	268841	27.435	ng/u1	98
18) 4-Methylphenol	8.611	108	345614	31.018	ng/u1	92
19) Hexachloroethane	8.911	117	108553	31.343	ng/u1	97
22) Nitrobenzene	9.034	77	408853	29.097	ng/u1	92
23) Isophorone	9.551	82	760122	25.631	ng/u1	100
25) 2-Nitrophenol	9.739	139	174370	29.949	ng/u1	89
26) 2,4-Dimethylphenol	9.804	107	350931	27.633	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.039	93	396906	27.762	ng/u1	94
29) 2,4-Dichlorophenol	10.280	162	352739	32.372	ng/u1	93
30) Naphthalene	10.673	128	969223	29.223	ng/u1	98
32) 4-Chloroaniline	10.785	127	212740	14.764	ng/u1	96
33) Hexachlorobutadiene	10.961	225	297122	28.490	ng/u1	96
34) Caprolactam	11.543	113	108417m	23.939	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	369951	28.295	ng/u1	91
36) 2-Methylnaphthalene	12.283	142	744101	28.306	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	740783	27.099	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.659	216	595249	30.254	ng/ul	99
40) Hexachlorocyclopentadiene	12.642	237	184063	17.133	ng/ul	95
41) 2,4,6-Trichlorophenol	12.900	196	337512	31.780	ng/ul	99
42) 2,4,5-Trichlorophenol	12.983	196	364654	31.664	ng/ul	90
43) 1,1'-Biphenyl	13.300	154	1063787	30.069	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	823158	29.887	ng/ul	98
45) 2-Nitroaniline	13.552	65	270717	28.815	ng/ul	95
47) Dimethylphthalate	13.928	163	1064518	25.395	ng/ul	99
48) 2,6-Dinitrotoluene	14.052	165	232206	28.948	ng/ul	95
50) Acenaphthylene	14.193	152	1286482	30.181	ng/ul	97
51) 3-Nitroaniline	14.381	138	213170	30.445	ng/ul	95
52) Acenaphthene	14.540	153	912768	29.919	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	131870	24.935	ng/ul	95
55) 4-Nitrophenol	14.704	109	198228	25.480	ng/ul	93
56) Dibenzofuran	14.874	168	1338791	28.667	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	343995	27.114	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	348677m	29.234	ng/ul	
59) Diethylphthalate	15.297	149	1066280	24.810	ng/ul	99
61) Fluorene	15.527	166	1118797	28.305	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	692029	27.243	ng/ul	97
63) 4-Nitroaniline	15.550	138	234890	33.146	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.615	198	242004	28.772	ng/ul	97
67) N-Nitrosodiphenylamine	15.732	169	917197	31.881	ng/ul	99
68) 4-Bromophenyl-phenylether	16.414	248	472579	32.055	ng/ul	96
69) Hexachlorobenzene	16.531	284	487887	31.064	ng/ul	96
70) Atrazine	16.684	200	434359	27.599	ng/ul	98
71) Pentachlorophenol	16.878	266	246932	31.361	ng/ul	96
72) Phenanthrene	17.266	178	1832556m	31.102	ng/ul	
74) Anthracene	17.360	178	1837510	30.442	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	596096	35.745	ng/ul	98
76) Pentachlorobenzene	14.798	250	586893	33.002	ng/ul	96
77) Carbazole	17.630	167	1549688	30.923	ng/ul	98
78) Di-n-butylphthalate	18.194	149	1723787	30.240	ng/ul	100
80) Fluoranthene	19.287	202	2300020	32.093	ng/ul#	98
82) Pyrene	19.651	202	2405357	31.664	ng/ul#	96
83) Butylbenzylphthalate	20.544	149	783863	35.307	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.379	252	862615	30.335	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2578414	30.824	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.373	149	1124830	34.784	ng/ul	99
87) Chrysene	21.525	228	2418813	31.015	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1932639	35.639	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2568500	31.023	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	2635240	31.955	ng/ul	98
93) Benzo(a)pyrene	24.375	252	2412837	31.506	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.941	276	2966911	31.583	ng/ul	98
95) Dibenzo(a,h)anthracene	28.000	278	2421407m	31.616	ng/ul	
96) Benzo(g,h,i)perylene	28.999	276	2257405	31.695	ng/ul	99

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

