

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057347.D
 Acq On : 9 May 2023 2:24
 Operator : CG/JU
 Sample : PB152663BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS663

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 03:08:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.369	152	16238	20.000	ng/u1	0.00
20) Naphthalene-d8	11.212	136	74755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.983	164	60101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	149699	20.000	ng/u1	0.00
79) Chrysene-d12	22.039	240	136487	20.000	ng/u1	0.00
88) Perylene-d12	25.557	264	140371	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2199	5.959	ng/uL	0.00
4) Pyridine-d5	4.092	84	18233	15.673	ng/u1	0.00
7) Phenol-d5	7.511	99	48389	31.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	24923	27.594	ng/u1	0.00
11) 2-Chlorophenol-d4	7.899	132	32033	31.654	ng/u1	0.00
15) 4-Methylphenol-d8	9.074	113	38063	32.612	ng/u1	0.00
21) Nitrobenzene-d5	9.550	128	17184	28.865	ng/u1	0.00
24) 2-Nitrophenol-d4	10.278	143	21685	31.212	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.824	165	43345	32.337	ng/u1	0.00
31) 4-Chloroaniline-d4	11.335	131	21510	12.108	ng/u1	0.00
46) Dimethylphthalate-d6	14.372	166	141071	29.623	ng/u1	0.00
49) Acenaphthylene-d8	14.684	160	162878	30.431	ng/u1	0.00
54) 4-Nitrophenol-d4	15.171	143	20023	28.885	ng/u1	0.00
60) Fluorene-d10	15.970	176	131745	29.697	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	27849	31.399	ng/u1	0.00
73) Anthracene-d10	17.827	188	211506	30.953	ng/u1	0.00
81) Pyrene-d10	20.094	212	250948	30.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.316	264	228102	31.896	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.693	88	4465	11.410	ng/uL	91
5) Pyridine	4.110	79	26842	21.888	ng/u1	88
6) Benzaldehyde	7.494	77	26220m	55.904	ng/u1	
8) Phenol	7.540	94	46462	30.019	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.770	93	31626	27.301	ng/u1	95
12) 2-Chlorophenol	7.934	128	33015	31.060	ng/u1	99
13) 2-Methylphenol	8.809	108	35712	29.772	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.886	45	36986	24.764	ng/u1	94
16) Acetophenone	9.197	105	57436	28.598	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.174	70	30861	26.740	ng/u1	96
18) 4-Methylphenol	9.138	108	37781	29.099	ng/u1	90
19) Hexachloroethane	9.467	117	13548	30.463	ng/u1	95
22) Nitrobenzene	9.591	77	47213	26.633	ng/u1	99
23) Isophorone	10.113	82	88454	26.226	ng/u1	98
25) 2-Nitrophenol	10.313	139	20445	29.053	ng/u1	98
26) 2,4-Dimethylphenol	10.354	107	44416	27.823	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.583	93	46497	26.521	ng/u1	96
29) 2,4-Dichlorophenol	10.854	162	39313	30.899	ng/u1	98
30) Naphthalene	11.259	128	115343	28.102	ng/u1	99
32) 4-Chloroaniline	11.359	127	39469	21.322	ng/u1	97
33) Hexachlorobutadiene	11.529	225	31041	28.765	ng/u1	92
34) Caprolactam	12.111	113	12988m	30.324	ng/u1	
35) 4-Chloro-3-methylphenol	12.457	107	43800	29.920	ng/u1	98
36) 2-Methylnaphthalene	12.839	142	85786	28.500	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.057	142	87780	29.003	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.198	216	63328	28.995	ng/ul	99
40) Hexachlorocyclopentadiene	13.174	237	12597	11.558	ng/ul	88
41) 2,4,6-Trichlorophenol	13.433	196	38013	29.884	ng/ul	93
42) 2,4,5-Trichlorophenol	13.515	196	40611	29.737	ng/ul	87
43) 1,1'-Biphenyl	13.820	154	129030	28.136	ng/ul	96
44) 2-Chloronaphthalene	13.873	162	101096	28.431	ng/ul	97
45) 2-Nitroaniline	14.073	65	31007	28.886	ng/ul	91
47) Dimethylphthalate	14.419	163	133378	27.890	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	29194	29.663	ng/ul	93
50) Acenaphthylene	14.713	152	153576	28.235	ng/ul	98
51) 3-Nitroaniline	14.884	138	25978	37.253	ng/ul	97
52) Acenaphthene	15.048	153	109732	28.315	ng/ul	99
53) 2,4-Dinitrophenol	15.101	184	13041	24.882	ng/ul	95
55) 4-Nitrophenol	15.189	109	20229	25.743	ng/ul	93
56) Dibenzofuran	15.377	168	159987	28.588	ng/ul	99
57) 2,4-Dinitrotoluene	15.342	165	42535	30.190	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.606	232	37582	30.285	ng/ul	98
59) Diethylphthalate	15.765	149	134569	27.697	ng/ul	99
61) Fluorene	16.029	166	134247	28.369	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.006	204	77176	27.942	ng/ul	100
63) 4-Nitroaniline	16.041	138	27715m	41.968	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.105	198	26025	28.795	ng/ul	98
67) N-Nitrosodiphenylamine	16.217	169	114562	29.296	ng/ul	99
68) 4-Bromophenyl-phenylether	16.898	248	52909	29.571	ng/ul	96
69) Hexachlorobenzene	17.034	284	57034	30.271	ng/ul	96
70) Atrazine	17.151	200	31234	17.972	ng/ul	100
71) Pentachlorophenol	17.380	266	21899	25.145	ng/ul	95
72) Phenanthrene	17.768	178	227125	29.135	ng/ul	99
74) Anthracene	17.862	178	227237	29.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.797	216	66356	29.471	ng/ul	97
76) Pentachlorobenzene	15.301	250	66925	29.201	ng/ul	97
77) Carbazole	18.126	167	196133	29.971	ng/ul	99
78) Di-n-butylphthalate	18.643	149	223644	29.886	ng/ul	99
80) Fluoranthene	19.759	202	281234	29.223	ng/ul	98
82) Pyrene	20.123	202	283010	29.050	ng/ul	99
83) Butylbenzylphthalate	20.969	149	98920	31.706	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.915	252	94464	31.164	ng/ul	96
85) Benzo(a)anthracene	22.021	228	283338	29.352	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.862	149	138241	30.465	ng/ul	94
87) Chrysene	22.091	228	264307	29.021	ng/ul	97
89) Di-n-octyl phthalate	23.161	149	232557	30.001	ng/ul	100
90) Benzo(b)fluoranthene	24.429	252	286487	29.472	ng/ul	99
91) Benzo(k)fluoranthene	24.506	252	278162	29.413	ng/ul	100
93) Benzo(a)pyrene	25.387	252	243274	28.989	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.622	276	310858m	29.633	ng/ul	
95) Dibenzo(a,h)anthracene	29.669	278	255489	29.371	ng/ul	98
96) Benzo(g,h,i)perylene	30.891	276	247657m	29.171	ng/ul	

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

