

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057294.D
 Acq On : 3 May 2023 20:01
 Operator : CG/JU
 Sample : PB152413BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS413

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 04 04:09:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	13264	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	57106	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.993	164	46860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	106040	20.000	ng/u1	0.00
79) Chrysene-d12	22.054	240	86562	20.000	ng/u1	# 0.00
88) Perylene-d12	25.590	264	92637	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1405	4.661	ng/uL	0.00
4) Pyridine-d5	4.102	84	19675	20.705	ng/u1	0.00
7) Phenol-d5	7.521	99	35891	28.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	19005	25.759	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	25374	30.696	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	28624	30.024	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	13255	29.147	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	16197	30.518	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	33644	32.857	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	35239	25.966	ng/u1	0.00
46) Dimethylphthalate-d6	14.382	166	109069	29.375	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	129592	31.053	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	14295	26.449	ng/u1	0.01
60) Fluorene-d10	15.980	176	102097	29.517	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	13136	20.908	ng/u1	0.00
73) Anthracene-d10	17.836	188	150493	31.092	ng/u1	0.00
81) Pyrene-d10	20.104	212	160247	31.188	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.343	264	150397	31.866	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	3243	10.145	ng/uL#	72
5) Pyridine	4.119	79	21270	21.234	ng/u1#	86
6) Benzaldehyde	7.503	77	20324	53.049	ng/u1	88
8) Phenol	7.550	94	35157	27.808	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.779	93	23585	24.925	ng/u1	95
12) 2-Chlorophenol	7.944	128	24913	28.693	ng/u1	97
13) 2-Methylphenol	8.819	108	27320	27.883	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.895	45	28985	23.758	ng/u1	94
16) Acetophenone	9.207	105	42757	26.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.177	70	23573	25.005	ng/u1#	96
18) 4-Methylphenol	9.154	108	28903	27.252	ng/u1	98
19) Hexachloroethane	9.477	117	10733	29.545	ng/u1	95
22) Nitrobenzene	9.600	77	36390	26.872	ng/u1	95
23) Isophorone	10.123	82	66468	25.798	ng/u1	98
25) 2-Nitrophenol	10.317	139	15775	29.345	ng/u1	96
26) 2,4-Dimethylphenol	10.364	107	32248	26.444	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.593	93	33936	25.338	ng/u1	99
29) 2,4-Dichlorophenol	10.863	162	30192	31.064	ng/u1	97
30) Naphthalene	11.268	128	92345	29.452	ng/u1	99
32) 4-Chloroaniline	11.374	127	32249	22.806	ng/u1	93
33) Hexachlorobutadiene	11.539	225	24965	30.285	ng/u1	94
34) Caprolactam	12.120	113	9590	29.310	ng/u1	96
35) 4-Chloro-3-methylphenol	12.473	107	34054	30.452	ng/u1	97
36) 2-Methylnaphthalene	12.849	142	69093	30.049	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	13.060	142	68211	29.502	ng/ul	99	05/04/2023
39) 1,2,4,5-Tetrachloroben...	13.207	216	50671	29.756	ng/ul	99	Supervised By :Jagrut Upadhyay
40) Hexachlorocyclopentadiene	13.178	237	4346	5.114	ng/ul	98	
41) 2,4,6-Trichlorophenol	13.448	196	29933	30.181	ng/ul	94	
42) 2,4,5-Trichlorophenol	13.524	196	32311	30.344	ng/ul	93	
43) 1,1'-Biphenyl	13.830	154	100132	28.004	ng/ul	100	
44) 2-Chloronaphthalene	13.883	162	79697	28.746	ng/ul	100	05/04/2023
45) 2-Nitroaniline	14.082	65	23875	28.526	ng/ul	95	
47) Dimethylphthalate	14.423	163	101287	27.164	ng/ul	98	
48) 2,6-Dinitrotoluene	14.564	165	21610	28.162	ng/ul	98	
50) Acenaphthylene	14.723	152	122179	28.810	ng/ul	98	
51) 3-Nitroaniline	14.893	138	20249	37.242	ng/ul	97	
52) Acenaphthene	15.057	153	87469	28.948	ng/ul	98	
53) 2,4-Dinitrophenol	15.116	184	5355	13.104	ng/ul	91	
55) 4-Nitrophenol	15.204	109	15874	25.909	ng/ul	96	
56) Dibenzofuran	15.392	168	124653	28.568	ng/ul	100	
57) 2,4-Dinitrotoluene	15.351	165	31439	28.620	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	15.621	232	27621	28.547	ng/ul#	92	
59) Diethylphthalate	15.774	149	101835	26.882	ng/ul	100	
61) Fluorene	16.038	166	104156	28.230	ng/ul	95	
62) 4-Chlorophenyl-phenyle...	16.015	204	60892	28.276	ng/ul	99	
63) 4-Nitroaniline	16.050	138	20733	40.267	ng/ul	89	
66) 4,6-Dinitro-2-methylph...	16.121	198	11963	18.686	ng/ul	98	
67) N-Nitrosodiphenylamine	16.226	169	85820	30.982	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.908	248	39336	31.036	ng/ul	90	
69) Hexachlorobenzene	17.043	284	41646	31.204	ng/ul	97	
70) Atrazine	17.160	200	19440	15.791	ng/ul	96	
71) Pentachlorophenol	17.390	266	15266	24.746	ng/ul	98	
72) Phenanthrene	17.777	178	161658	29.275	ng/ul	99	
74) Anthracene	17.871	178	160795	28.988	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.806	216	53214	33.365	ng/uL	98	
76) Pentachlorobenzene	15.316	250	53297	32.829	ng/uL	97	
77) Carbazole	18.136	167	138170	29.807	ng/ul	99	
78) Di-n-butylphthalate	18.647	149	155003	29.242	ng/ul	99	
80) Fluoranthene	19.769	202	178466	29.240	ng/ul#	97	
82) Pyrene	20.133	202	177696	28.759	ng/ul#	97	
83) Butylbenzylphthalate	20.979	149	60478	30.565	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.925	252	58417	30.387	ng/ul	96	
85) Benzo(a)anthracene	22.036	228	181161	29.591	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.872	149	84758	29.452	ng/ul	97	
87) Chrysene	22.107	228	167328	28.970	ng/ul	98	
89) Di-n-octyl phthalate	23.176	149	148065	28.944	ng/ul	100	
90) Benzo(b)fluoranthene	24.456	252	187995	29.305	ng/ul#	96	
91) Benzo(k)fluoranthene	24.527	252	178600	28.617	ng/ul	99	
93) Benzo(a)pyrene	25.420	252	160993	29.069	ng/ul#	96	
94) Indeno(1,2,3-cd)pyrene	29.673	276	193570	27.960	ng/ul	95	
95) Dibenzo(a,h)anthracene	29.726	278	168405m	29.336	ng/ul		
96) Benzo(g,h,i)perylene	30.954	276	141955	25.336	ng/ul#	97	

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

