

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056915.D
 Acq On : 9 Mar 2023 15:11
 Operator : CG/JU
 Sample : PB151235BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS235

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 01:45:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	16324	20.000	ng/u1	0.00
20) Naphthalene-d8	11.260	136	72887	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.032	164	59377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.770	188	154593	20.000	ng/u1	0.00
79) Chrysene-d12	22.095	240	150773	20.000	ng/u1	0.00
88) Perylene-d12	25.643	264	158700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	2207	5.243	ng/uL	0.00
4) Pyridine-d5	4.128	84	39057	28.522	ng/u1	0.00
7) Phenol-d5	7.541	99	51513	30.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.717	67	31664	30.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.941	132	32870	31.391	ng/u1	0.00
15) 4-Methylphenol-d8	9.110	113	39182	31.037	ng/u1	0.00
21) Nitrobenzene-d5	9.592	128	17693	29.267	ng/u1	0.00
24) 2-Nitrophenol-d4	10.320	143	22296	31.176	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.867	165	42488	30.671	ng/u1	0.00
31) 4-Chloroaniline-d4	11.384	131	49127	26.914	ng/u1	0.00
46) Dimethylphthalate-d6	14.415	166	145259	28.601	ng/u1	0.00
49) Acenaphthylene-d8	14.733	160	159042	28.520	ng/u1	0.00
54) 4-Nitrophenol-d4	15.191	143	25197	29.278	ng/u1	0.00
60) Fluorene-d10	16.014	176	135636	28.800	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.119	200	31508	28.201	ng/u1	0.00
73) Anthracene-d10	17.870	188	213128	28.525	ng/u1	0.00
81) Pyrene-d10	20.132	212	269916	29.391	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.403	264	259688	29.884	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.734	88	5347m	11.398	ng/uL	
5) Pyridine	4.151	79	40856	27.847	ng/u1	93
6) Benzaldehyde	7.541	77	33033	37.509	ng/u1	95
8) Phenol	7.571	94	53595	31.420	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.811	93	37610	31.386	ng/u1	93
12) 2-Chlorophenol	7.976	128	34440	32.012	ng/u1	97
13) 2-Methylphenol	8.846	108	39270	31.314	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.934	45	51024	31.024	ng/u1#	93
16) Acetophenone	9.245	105	66055	30.574	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.222	70	37725	30.022	ng/u1#	97
18) 4-Methylphenol	9.175	108	42364	31.123	ng/u1	94
19) Hexachloroethane	9.521	117	13744	30.934	ng/u1	88
22) Nitrobenzene	9.639	77	57682	30.577	ng/u1	97
23) Isophorone	10.156	82	106427	28.900	ng/u1	97
25) 2-Nitrophenol	10.356	139	22121	29.584	ng/u1	96
26) 2,4-Dimethylphenol	10.397	107	43171	26.337	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.632	93	54980	30.670	ng/u1	91
29) 2,4-Dichlorophenol	10.890	162	41705	31.227	ng/u1	95
30) Naphthalene	11.313	128	119121	29.587	ng/u1	96
32) 4-Chloroaniline	11.407	127	48924	27.357	ng/u1	99
33) Hexachlorobutadiene	11.589	225	31776	30.233	ng/u1	93
34) Caprolactam	12.153	113	14887m	30.422	ng/u1	
35) 4-Chloro-3-methylphenol	12.494	107	47493	30.630	ng/u1	98
36) 2-Methylnaphthalene	12.882	142	88129	30.431	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.099	142	90721	31.351	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.246	216	65552	29.876	ng/ul	96
40) Hexachlorocyclopentadiene	13.223	237	37410	25.075	ng/ul	91
41) 2,4,6-Trichlorophenol	13.470	196	43993	30.790	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.546	196	46904	29.491	ng/ul	94
43) 1,1'-Biphenyl	13.869	154	132250	29.739	ng/ul	95
44) 2-Chloronaphthalene	13.922	162	108433	29.572	ng/ul	97
45) 2-Nitroaniline	14.110	65	40297	29.804	ng/ul	94
47) Dimethylphthalate	14.462	163	149313	29.082	ng/ul	99
48) 2,6-Dinitrotoluene	14.592	165	31937	30.934	ng/ul	97
50) Acenaphthylene	14.756	152	164492	29.188	ng/ul	96
51) 3-Nitroaniline	14.921	138	29333	31.489	ng/ul	94
52) Acenaphthene	15.097	153	116241	29.491	ng/ul	98
53) 2,4-Dinitrophenol	15.126	184	21533	28.451	ng/ul	95
55) 4-Nitrophenol	15.209	109	31817	28.681	ng/ul	92
56) Dibenzofuran	15.426	168	176039	29.216	ng/ul	99
57) 2,4-Dinitrotoluene	15.373	165	45445	28.552	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.643	232	44084	28.763	ng/ul	97
59) Diethylphthalate	15.814	149	150332	28.969	ng/ul	98
61) Fluorene	16.072	166	140498	29.282	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.055	204	84711	29.427	ng/ul	97
63) 4-Nitroaniline	16.084	138	29615	32.047	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.137	198	31886	29.820	ng/ul	98
67) N-Nitrosodiphenylamine	16.266	169	127777	30.778	ng/ul	97
68) 4-Bromophenyl-phenylether	16.948	248	59920	31.249	ng/ul	98
69) Hexachlorobenzene	17.077	284	63449	30.503	ng/ul	96
70) Atrazine	17.195	200	48707	26.094	ng/ul#	94
71) Pentachlorophenol	17.412	266	35628	29.059	ng/ul	92
72) Phenanthrene	17.811	178	252702	30.375	ng/ul	99
74) Anthracene	17.906	178	248451	29.315	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.840	216	67317	30.383	ng/ul	95
76) Pentachlorobenzene	15.344	250	69954	30.241	ng/ul	96
77) Carbazole	18.170	167	217887	30.294	ng/ul	99
78) Di-n-butylphthalate	18.693	149	249288	29.965	ng/ul	100
80) Fluoranthene	19.797	202	328309	29.991	ng/ul	99
82) Pyrene	20.162	202	325044	29.653	ng/ul	100
83) Butylbenzylphthalate	21.020	149	111980	30.802	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.971	252	114125	31.246	ng/ul	97
85) Benzo(a)anthracene	22.071	228	330293	29.966	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.930	149	157769	30.367	ng/ul	98
87) Chrysene	22.148	228	304464	29.808	ng/ul	98
89) Di-n-octyl phthalate	23.252	149	266437	30.827	ng/ul	100
90) Benzo(b)fluoranthene	24.510	252	339593	31.303	ng/ul	99
91) Benzo(k)fluoranthene	24.580	252	318403	30.552	ng/ul	98
93) Benzo(a)pyrene	25.479	252	284553	30.699	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.739	276	392882	31.018	ng/ul	98
95) Dibenzo(a,h)anthracene	29.809	278	325182	31.110	ng/ul#	98
96) Benzo(g,h,i)perylene	31.031	276	316993	31.211	ng/ul	96

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

