

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056885.D
 Acq On : 8 Mar 2023 17:06
 Operator : CG/JU
 Sample : PB151256BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS256

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 08 23:59:57 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	8.421	152	14065	20.000	ng/u1	0.00
20) Naphthalene-d8	11.265	136	60160	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.031	164	51118	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.775	188	138887	20.000	ng/u1	0.00
79) Chrysene-d12	22.099	240	130488	20.000	ng/u1	0.00
88) Perylene-d12	25.648	264	141059	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	2071	5.710	ng/uL	0.00
4) Pyridine-d5	4.132	84	35225	29.855	ng/u1	0.00
7) Phenol-d5	7.545	99	44631	30.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	26856	29.660	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	28673	31.781	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	33467	30.768	ng/u1	0.00
21) Nitrobenzene-d5	9.596	128	15138	30.338	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	19662	33.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.865	165	36449	31.878	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	41185	27.336	ng/u1	0.00
46) Dimethylphthalate-d6	14.420	166	133361	30.500	ng/u1	0.00
49) Acenaphthylene-d8	14.731	160	142393	29.660	ng/u1	0.00
54) 4-Nitrophenol-d4	15.195	143	23784	32.101	ng/u1	0.00
60) Fluorene-d10	16.018	176	122081	30.110	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.124	200	29539	29.429	ng/u1	0.00
73) Anthracene-d10	17.874	188	203338	30.292	ng/u1	0.00
81) Pyrene-d10	20.136	212	254398	32.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.401	264	245731	31.815	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.732	88	4642	11.484	ng/uL#	91
5) Pyridine	4.149	79	34931	27.633	ng/u1	96
6) Benzaldehyde	7.539	77	27410	36.123	ng/u1	96
8) Phenol	7.569	94	42939	29.216	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.816	93	31826	30.825	ng/u1	96
12) 2-Chlorophenol	7.974	128	27617	29.793	ng/u1	95
13) 2-Methylphenol	8.844	108	31903	29.526	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.938	45	43152	30.451	ng/u1	95
16) Acetophenone	9.243	105	53765	28.883	ng/u1	90
17) N-Nitroso-di-n-propyla...	9.220	70	32308	29.840	ng/u1#	97
18) 4-Methylphenol	9.173	108	35288	30.089	ng/u1	87
19) Hexachloroethane	9.525	117	11475	29.975	ng/u1#	77
22) Nitrobenzene	9.637	77	46550	29.896	ng/u1	99
23) Isophorone	10.160	82	88750	29.198	ng/u1	100
25) 2-Nitrophenol	10.354	139	18317	29.679	ng/u1	98
26) 2,4-Dimethylphenol	10.395	107	38478	28.440	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.636	93	44376	29.992	ng/u1	96
29) 2,4-Dichlorophenol	10.894	162	33707	30.578	ng/u1	98
30) Naphthalene	11.312	128	98975	29.783	ng/u1	96
32) 4-Chloroaniline	11.406	127	38573	26.132	ng/u1	99
33) Hexachlorobutadiene	11.588	225	26797	30.889	ng/u1	95
34) Caprolactam	12.146	113	13323m	32.986	ng/u1	
35) 4-Chloro-3-methylphenol	12.493	107	39554	30.906	ng/u1	98
36) 2-Methylnaphthalene	12.886	142	72461	30.314	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.104	142	74719	31.284	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.245	216	53623	28.388	ng/ul	95
40) Hexachlorocyclopentadiene	13.221	237	31904	24.840	ng/ul	90
41) 2,4,6-Trichlorophenol	13.474	196	35881	29.170	ng/ul	96
42) 2,4,5-Trichlorophenol	13.544	196	40225	29.378	ng/ul	92
43) 1,1'-Biphenyl	13.873	154	108307	28.290	ng/ul	94
44) 2-Chloronaphthalene	13.920	162	89718	28.422	ng/ul	96
45) 2-Nitroaniline	14.108	65	34239	29.415	ng/ul	94
47) Dimethylphthalate	14.467	163	128955	29.175	ng/ul	99
48) 2,6-Dinitrotoluene	14.596	165	27559	31.006	ng/ul	97
50) Acenaphthylene	14.760	152	138893	28.628	ng/ul	98
51) 3-Nitroaniline	14.919	138	24485	30.531	ng/ul	99
52) Acenaphthene	15.095	153	97184	28.640	ng/ul	98
53) 2,4-Dinitrophenol	15.125	184	19567	30.031	ng/ul	94
55) 4-Nitrophenol	15.213	109	27992	29.310	ng/ul	97
56) Dibenzofuran	15.430	168	149916	28.901	ng/ul	100
57) 2,4-Dinitrotoluene	15.377	165	39503	28.829	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.648	232	38451	29.141	ng/ul#	98
59) Diethylphthalate	15.818	149	131193	29.366	ng/ul	99
61) Fluorene	16.077	166	121513	29.417	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.053	204	70830	28.581	ng/ul	96
63) 4-Nitroaniline	16.082	138	26605	33.442	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.135	198	28662	29.836	ng/ul	93
67) N-Nitrosodiphenylamine	16.265	169	110281	29.568	ng/ul	98
68) 4-Bromophenyl-phenylether	16.952	248	51544	29.921	ng/ul	99
69) Hexachlorobenzene	17.075	284	56608	30.292	ng/ul	96
70) Atrazine	17.199	200	47734	28.465	ng/ul	96
71) Pentachlorophenol	17.416	266	32019	29.069	ng/ul	97
72) Phenanthrene	17.816	178	225745	30.203	ng/ul	99
74) Anthracene	17.910	178	224209	29.446	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.844	216	56450	28.359	ng/ul	96
76) Pentachlorobenzene	15.348	250	60133	28.935	ng/ul	97
77) Carbazole	18.168	167	195706	30.287	ng/ul	98
78) Di-n-butylphthalate	18.697	149	223638	29.921	ng/ul	100
80) Fluoranthene	19.802	202	293054	30.932	ng/ul	99
82) Pyrene	20.166	202	291041	30.678	ng/ul	99
83) Butylbenzylphthalate	21.024	149	96844	30.780	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.970	252	95036	30.065	ng/ul	99
85) Benzo(a)anthracene	22.075	228	289908	30.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.934	149	138275	30.752	ng/ul	98
87) Chrysene	22.152	228	271090	30.667	ng/ul	99
89) Di-n-octyl phthalate	23.256	149	237068	30.859	ng/ul	100
90) Benzo(b)fluoranthene	24.514	252	300426	31.156	ng/ul	100
91) Benzo(k)fluoranthene	24.590	252	285028	30.769	ng/ul	100
93) Benzo(a)pyrene	25.483	252	253517	30.772	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.755	276	351643	31.234	ng/ul	97
95) Dibenzo(a,h)anthracene	29.819	278	290746	31.294	ng/ul#	98
96) Benzo(g,h,i)perylene	31.035	276	281173	31.147	ng/ul#	94

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

