

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
 Data File : BG056746.D
 Acq On : 28 Feb 2023 1:41
 Operator : CG/JU
 Sample : PB151019BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS019

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 03:03:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 00:23:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	17345	20.000	ng/u1	0.00
20) Naphthalene-d8	11.257	136	72962	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.024	164	57240	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	145459	20.000	ng/u1	0.00
79) Chrysene-d12	22.068	240	134006	20.000	ng/u1	0.00
88) Perylene-d12	25.599	264	146681	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	1921	6.144	ng/uL	0.00
4) Pyridine-d5	4.136	84	31928	25.298	ng/u1	0.00
7) Phenol-d5	7.538	99	44775	25.796	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.720	67	27097	25.593	ng/u1	0.00
11) 2-Chlorophenol-d4	7.944	132	29673	25.743	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	33470	25.237	ng/u1	0.00
21) Nitrobenzene-d5	9.595	128	16208	26.507	ng/u1	0.00
24) 2-Nitrophenol-d4	10.329	143	18638	25.607	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	38009	27.720	ng/u1	0.00
31) 4-Chloroaniline-d4	11.381	131	43513	24.331	ng/u1	0.00
46) Dimethylphthalate-d6	14.413	166	124473	26.952	ng/u1	0.00
49) Acenaphthylene-d8	14.724	160	141008	26.864	ng/u1	0.00
54) 4-Nitrophenol-d4	15.182	143	21258	26.698	ng/u1	0.00
60) Fluorene-d10	16.005	176	118246	27.679	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.111	200	25907	26.621	ng/u1	0.00
73) Anthracene-d10	17.856	188	187638	26.590	ng/u1	0.00
81) Pyrene-d10	20.118	212	226901	25.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.353	264	213454	26.961	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	3729	9.672	ng/uL#	75
5) Pyridine	4.160	79	33166	24.814	ng/u1	96
6) Benzaldehyde	7.544	77	28334	31.159	ng/u1	97
8) Phenol	7.568	94	45372	25.628	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.820	93	32140	25.550	ng/u1	92
12) 2-Chlorophenol	7.973	128	29803	26.109	ng/u1	96
13) 2-Methylphenol	8.843	108	34167	25.585	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.943	45	44594	26.382	ng/u1	99
16) Acetophenone	9.248	105	57160	25.168	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.225	70	32652	25.057	ng/u1	94
18) 4-Methylphenol	9.172	108	36425	25.102	ng/u1	95
19) Hexachloroethane	9.524	117	12684	26.131	ng/u1	87
22) Nitrobenzene	9.636	77	48543	27.378	ng/u1	100
23) Isophorone	10.159	82	92527	26.692	ng/u1	97
25) 2-Nitrophenol	10.353	139	19579	27.251	ng/u1	97
26) 2,4-Dimethylphenol	10.394	107	42323	26.377	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.635	93	47482	27.099	ng/u1#	97
29) 2,4-Dichlorophenol	10.893	162	36170	27.240	ng/u1	99
30) Naphthalene	11.310	128	104471	26.013	ng/u1	98
32) 4-Chloroaniline	11.404	127	40207	22.696	ng/u1	97
33) Hexachlorobutadiene	11.586	225	28951	27.357	ng/u1	96
34) Caprolactam	12.145	113	12786m	28.325	ng/u1	
35) 4-Chloro-3-methylphenol	12.485	107	40123	26.303	ng/u1	98
36) 2-Methylnaphthalene	12.879	142	76640	26.646	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.096	142	76787	27.077	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.237	216	55806	27.499	ng/ul	94
40) Hexachlorocyclopentadiene	13.220	237	35335	24.299	ng/ul	98
41) 2,4,6-Trichlorophenol	13.467	196	35471	26.158	ng/ul	96
42) 2,4,5-Trichlorophenol	13.537	196	39535	26.851	ng/ul	97
43) 1,1'-Biphenyl	13.866	154	114128	27.115	ng/ul	98
44) 2-Chloronaphthalene	13.913	162	94780	27.216	ng/ul	96
45) 2-Nitroaniline	14.101	65	33822	27.980	ng/ul	98
47) Dimethylphthalate	14.460	163	124630	26.536	ng/ul#	97
48) 2,6-Dinitrotoluene	14.583	165	25974	26.979	ng/ul	92
50) Acenaphthylene	14.753	152	142324	26.841	ng/ul	99
51) 3-Nitroaniline	14.912	138	24573	28.519	ng/ul#	92
52) Acenaphthene	15.088	153	98556	27.056	ng/ul	96
53) 2,4-Dinitrophenol	15.112	184	17005	27.571	ng/ul#	84
55) 4-Nitrophenol	15.200	109	25441	27.603	ng/ul	96
56) Dibenzofuran	15.417	168	150699	27.253	ng/ul	98
57) 2,4-Dinitrotoluene	15.364	165	37996	27.529	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.635	232	36892	26.925	ng/ul	98
59) Diethylphthalate	15.805	149	125566	26.710	ng/ul	99
61) Fluorene	16.064	166	119673	27.028	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.046	204	71677	27.330	ng/ul	100
63) 4-Nitroaniline	16.064	138	24652	29.282	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.122	198	26476	28.259	ng/ul	96
67) N-Nitrosodiphenylamine	16.252	169	107955	26.689	ng/ul	97
68) 4-Bromophenyl-phenylether	16.939	248	49426	26.813	ng/ul	99
69) Hexachlorobenzene	17.062	284	54275	27.406	ng/ul	99
70) Atrazine	17.186	200	40866	23.262	ng/ul	98
71) Pentachlorophenol	17.397	266	28245	25.118	ng/ul	96
72) Phenanthrene	17.803	178	213475	27.093	ng/ul	99
74) Anthracene	17.891	178	211612	26.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.837	216	57769	25.960	ng/uL	95
76) Pentachlorobenzene	15.335	250	58457	25.901	ng/uL	96
77) Carbazole	18.149	167	179824	26.991	ng/ul	100
78) Di-n-butylphthalate	18.678	149	208750	27.186	ng/ul	100
80) Fluoranthene	19.783	202	270230	24.647	ng/ul	98
82) Pyrene	20.147	202	268870	24.891	ng/ul	99
83) Butylbenzylphthalate	21.005	149	91897	26.818	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.945	252	94243	28.050	ng/ul	100
85) Benzo(a)anthracene	22.051	228	266973	27.373	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.910	149	131484	27.315	ng/ul	99
87) Chrysene	22.121	228	245993	27.080	ng/ul	98
89) Di-n-octyl phthalate	23.226	149	223174	27.986	ng/ul	100
90) Benzo(b)fluoranthene	24.466	252	271210m	27.620	ng/ul	
91) Benzo(k)fluoranthene	24.542	252	257725	26.946	ng/ul	99
93) Benzo(a)pyrene	25.435	252	229096	26.542	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.671	276	311985	26.608	ng/ul	98
95) Dibenzo(a,h)anthracene	29.742	278	261652	26.689	ng/ul#	95
96) Benzo(g,h,i)perylene	30.946	276	254905	27.216	ng/ul	96

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

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