

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052041.D
 Acq On : 18 Jan 2022 2:18
 Operator : CG/JU
 Sample : PB142057BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS057

Quant Time: Jan 18 03:32:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	26766	20.000	ng/u1	0.00
20) Naphthalene-d8	11.086	136	115284	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.892	164	85465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.642	188	214448	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.965	240	197025	20.000	ng/u1	# 0.00
88) Perylene-d12	25.460	264	202310	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	3241	4.327	ng/uL	0.00
4) Pyridine-d5	3.995	84	51664	22.187	ng/u1	-0.01
7) Phenol-d5	7.385	99	69248	26.434	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	40367	24.274	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.773	132	47689	27.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.947	113	55206	27.109	ng/u1	0.00
21) Nitrobenzene-d5	9.417	128	25586	28.087	ng/u1	0.00
24) 2-Nitrophenol-d4	10.152	143	29549	29.330	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	57703	29.302	ng/u1	0.00
31) 4-Chloroaniline-d4	11.209	131	65846	24.010	ng/u1	0.00
46) Dimethylphthalate-d6	14.281	166	205401	29.076	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	242787	28.452	ng/u1	0.00
54) 4-Nitrophenol-d4	15.069	143	33601	28.449	ng/u1	0.00
60) Fluorene-d10	15.879	176	180545	29.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	40565	29.985	ng/u1	0.00
73) Anthracene-d10	17.741	188	307188	30.197	ng/u1	0.00
81) Pyrene-d10	20.021	212	367779	32.434	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.214	264	344215	32.319	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.608	88	7723	8.936	ng/uL#	85
5) Pyridine	4.019	79	52413	21.485	ng/u1	99
6) Benzaldehyde	7.367	77	39231	22.513	ng/u1	96
8) Phenol	7.414	94	69178	25.872	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.643	93	48001	24.524	ng/u1	97
12) 2-Chlorophenol	7.808	128	47618	26.987	ng/u1	96
13) 2-Methylphenol	8.683	108	50041	25.736	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.777	45	70705	23.683	ng/u1	97
16) Acetophenone	9.071	105	80306	24.986	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.053	70	48829	24.868	ng/u1	99
18) 4-Methylphenol	9.012	108	54328	25.794	ng/u1	96
19) Hexachloroethane	9.353	117	19381	25.442	ng/u1#	80
22) Nitrobenzene	9.459	77	67480	23.883	ng/u1#	98
23) Isophorone	9.987	82	135259	25.321	ng/u1	97
25) 2-Nitrophenol	10.181	139	28473	25.715	ng/u1	94
26) 2,4-Dimethylphenol	10.234	107	63808	26.559	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.463	93	67304	24.471	ng/u1	100
29) 2,4-Dichlorophenol	10.727	162	52913	27.359	ng/u1	98
30) Naphthalene	11.139	128	162400	25.996	ng/u1	97
32) 4-Chloroaniline	11.233	127	64608	23.117	ng/u1	96
33) Hexachlorobutadiene	11.426	225	39609	25.693	ng/u1	96
34) Caprolactam	11.979	113	21464m	28.516	ng/u1	
35) 4-Chloro-3-methylphenol	12.349	107	63216	28.310	ng/u1	97
36) 2-Methylnaphthalene	12.731	142	120690	27.122	ng/u1	98

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37) 1-Methylnaphthalene	12.948	142	122959	26.924	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.095	216	79833	27.012	ng/ul	98
40) Hexachlorocyclopentadiene	13.077	237	39054	19.258	ng/ul	97
41) 2,4,6-Trichlorophenol	13.330	196	53039	28.394	ng/ul	97
42) 2,4,5-Trichlorophenol	13.406	196	57737	28.672	ng/ul	95
43) 1,1'-Biphenyl	13.723	154	176923	26.815	ng/ul#	94
44) 2-Chloronaphthalene	13.770	162	137505	26.910	ng/ul	96
45) 2-Nitroaniline	13.964	65	54414	27.786	ng/ul	95
47) Dimethylphthalate	14.328	163	191403	27.478	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	43843	29.852	ng/ul	92
50) Acenaphthylene	14.616	152	231791	27.585	ng/ul	98
51) 3-Nitroaniline	14.781	138	37721	28.393	ng/ul#	91
52) Acenaphthene	14.957	153	153790	27.526	ng/ul	97
53) 2,4-Dinitrophenol	14.986	184	20746	23.959	ng/ul	95
55) 4-Nitrophenol	15.086	109	37177	27.430	ng/ul	82
56) Dibenzofuran	15.286	168	225224	27.756	ng/ul	98
57) 2,4-Dinitrotoluene	15.239	165	62919	29.631	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.515	232	56786	30.403	ng/ul#	88
59) Diethylphthalate	15.691	149	202941	28.239	ng/ul	98
61) Fluorene	15.938	166	191637	28.342	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.920	204	105101	28.010	ng/ul	93
63) 4-Nitroaniline	15.944	138	40878	29.948	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.003	198	36389	28.135	ng/ul#	97
67) N-Nitrosodiphenylamine	16.132	169	172298	29.900	ng/ul	95
68) 4-Bromophenyl-phenylether	16.819	248	75897	30.232	ng/ul#	89
69) Hexachlorobenzene	16.948	284	84758	30.441	ng/ul#	88
70) Atrazine	17.078	200	76550	28.634	ng/ul	96
71) Pentachlorophenol	17.289	266	43245	27.811	ng/ul	97
72) Phenanthrene	17.683	178	329724	29.343	ng/ul	98
74) Anthracene	17.777	178	324194	28.822	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.700	216	83755	26.005	ng/ul	99
76) Pentachlorobenzene	15.215	250	91515	29.195	ng/ul	96
77) Carbazole	18.041	167	294648	29.071	ng/ul	98
78) Di-n-butylphthalate	18.581	149	351094	29.305	ng/ul	99
80) Fluoranthene	19.686	202	420192	32.066	ng/ul#	91
82) Pyrene	20.050	202	403991	31.314	ng/ul#	89
83) Butylbenzylphthalate	20.919	149	146743	32.683	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.842	252	134066	29.477	ng/ul#	98
85) Benzo(a)anthracene	21.948	228	402290	31.047	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.824	149	204826	31.194	ng/ul#	99
87) Chrysene	22.018	228	378592	30.343	ng/ul	97
89) Di-n-octyl phthalate	23.128	149	347232	31.071	ng/ul	100
90) Benzo(b)fluoranthene	24.344	252	423242	31.568	ng/ul#	95
91) Benzo(k)fluoranthene	24.415	252	381879	30.806	ng/ul#	95
93) Benzo(a)pyrene	25.296	252	396791	31.272	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.478	276	461697	31.787	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.549	278	389921	31.738	ng/ul#	93
96) Benzo(g,h,i)perylene	30.753	276	390372	31.965	ng/ul#	90

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

