

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052042.D
 Acq On : 18 Jan 2022 2:56
 Operator : CG/JU
 Sample : PB142062BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS062

Quant Time: Jan 18 03:32:56 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	8.247	152	25777	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	114126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.891	164	83596	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.640	188	209182	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.964	240	195176	20.000	ng/u1	# 0.00
88) Perylene-d12	25.459	264	198819	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	3731	5.172	ng/uL	0.00
4) Pyridine-d5	3.994	84	61075	27.235	ng/u1	-0.01
7) Phenol-d5	7.389	99	79811	31.635	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	45798	28.596	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	55622	33.299	ng/u1	0.00
15) 4-Methylphenol-d8	8.952	113	64255	32.763	ng/u1	0.00
21) Nitrobenzene-d5	9.416	128	29562	32.781	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	33255	33.343	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	68284	35.027	ng/u1	0.00
31) 4-Chloroaniline-d4	11.213	131	76633	28.227	ng/u1	0.00
46) Dimethylphthalate-d6	14.280	166	224900	32.548	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	277521	33.249	ng/u1	0.00
54) 4-Nitrophenol-d4	15.073	143	37990	32.884	ng/u1	0.00
60) Fluorene-d10	15.884	176	203261	33.739	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	43294	32.808	ng/u1	0.00
73) Anthracene-d10	17.740	188	336256	33.886	ng/u1	0.00
81) Pyrene-d10	20.019	212	394582	35.128	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.218	264	361536	34.541	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.612	88	8408	10.102	ng/uL#	91
5) Pyridine	4.017	79	61066	25.992	ng/u1	97
6) Benzaldehyde	7.366	77	46096	27.467	ng/u1	93
8) Phenol	7.413	94	79196	30.755	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.648	93	56637	30.047	ng/u1	97
12) 2-Chlorophenol	7.806	128	55708	32.784	ng/u1	96
13) 2-Methylphenol	8.682	108	60462	32.288	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.770	45	81182	28.236	ng/u1	98
16) Acetophenone	9.069	105	93778	30.297	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.052	70	57254	30.277	ng/u1	95
18) 4-Methylphenol	9.011	108	62798	30.959	ng/u1	99
19) Hexachloroethane	9.351	117	22532	30.713	ng/u1#	74
22) Nitrobenzene	9.463	77	80191	28.669	ng/u1#	97
23) Isophorone	9.986	82	158294	29.933	ng/u1	98
25) 2-Nitrophenol	10.185	139	35005	31.936	ng/u1	93
26) 2,4-Dimethylphenol	10.232	107	77123	32.427	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.467	93	81040	29.764	ng/u1	96
29) 2,4-Dichlorophenol	10.726	162	63117	32.966	ng/u1	97
30) Naphthalene	11.137	128	193106	31.225	ng/u1	98
32) 4-Chloroaniline	11.237	127	73592	26.599	ng/u1	96
33) Hexachlorobutadiene	11.425	225	47164	30.904	ng/u1	97
34) Caprolactam	11.983	113	24238m	32.528	ng/u1	
35) 4-Chloro-3-methylphenol	12.347	107	74102	33.522	ng/u1	91
36) 2-Methylnaphthalene	12.735	142	142965	32.454	ng/u1	97

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37) 1-Methylnaphthalene	12.952	142	145222	32.122	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.099	216	94073	32.542	ng/ul	95
40) Hexachlorocyclopentadiene	13.081	237	48424	24.412	ng/ul	98
41) 2,4,6-Trichlorophenol	13.328	196	61998	33.932	ng/ul	96
42) 2,4,5-Trichlorophenol	13.405	196	67660	34.351	ng/ul	98
43) 1,1'-Biphenyl	13.728	154	207763	32.193	ng/ul#	95
44) 2-Chloronaphthalene	13.775	162	159498	31.912	ng/ul	98
45) 2-Nitroaniline	13.963	65	60699	31.689	ng/ul	95
47) Dimethylphthalate	14.327	163	214471	31.478	ng/ul	100
48) 2,6-Dinitrotoluene	14.450	165	48670	33.879	ng/ul	92
50) Acenaphthylene	14.615	152	265611	32.316	ng/ul	97
51) 3-Nitroaniline	14.779	138	41848	32.204	ng/ul	97
52) Acenaphthene	14.955	153	177677	32.513	ng/ul	97
53) 2,4-Dinitrophenol	14.991	184	24041	28.385	ng/ul	87
55) 4-Nitrophenol	15.085	109	39480	29.780	ng/ul	84
56) Dibenzofuran	15.290	168	257207	32.406	ng/ul	97
57) 2,4-Dinitrotoluene	15.237	165	69317	33.374	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.513	232	61437	33.628	ng/ul#	88
59) Diethylphthalate	15.690	149	226088	32.163	ng/ul	96
61) Fluorene	15.936	166	214239	32.393	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.925	204	119527	32.567	ng/ul	91
63) 4-Nitroaniline	15.948	138	44635	33.431	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.007	198	40586	32.170	ng/ul#	97
67) N-Nitrosodiphenylamine	16.130	169	192333	34.218	ng/ul	96
68) 4-Bromophenyl-phenylether	16.818	248	84040	34.318	ng/ul#	85
69) Hexachlorobenzene	16.947	284	94168	34.672	ng/ul#	88
70) Atrazine	17.076	200	85470	32.775	ng/ul	97
71) Pentachlorophenol	17.288	266	48505	31.979	ng/ul	93
72) Phenanthrene	17.687	178	367717	33.548	ng/ul	98
74) Anthracene	17.775	178	361773	32.972	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	95995	30.556	ng/uL	96
76) Pentachlorobenzene	15.214	250	102184	33.419	ng/uL	98
77) Carbazole	18.039	167	321903	32.560	ng/ul	98
78) Di-n-butylphthalate	18.586	149	386092	33.037	ng/ul	99
80) Fluoranthene	19.684	202	461391	35.544	ng/ul#	91
82) Pyrene	20.049	202	441779	34.567	ng/ul#	90
83) Butylbenzylphthalate	20.918	149	159264	35.808	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.846	252	143434	31.836	ng/ul#	98
85) Benzo(a)anthracene	21.946	228	437673	34.098	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.823	149	226484	34.819	ng/ul#	98
87) Chrysene	22.016	228	412232	33.353	ng/ul	98
89) Di-n-octyl phthalate	23.127	149	372252	33.894	ng/ul	100
90) Benzo(b)fluoranthene	24.337	252	457238	34.702	ng/ul#	95
91) Benzo(k)fluoranthene	24.413	252	417971	34.309	ng/ul#	96
93) Benzo(a)pyrene	25.294	252	425677	34.137	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.500	276	495521	34.715	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.553	278	406938	33.705	ng/ul#	94
96) Benzo(g,h,i)perylene	30.746	276	414487	34.535	ng/ul#	90

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

