

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG054000.D
 Acq On : 22 Jun 2022 5:44
 Operator : CG/JU
 Sample : PB145688BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS688

Quant Time: Jun 22 06:26:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	24520	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	97562	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	74152	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	194330	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.726	240	216345	20.000	ng/u1	# 0.00
88) Perylene-d12	24.981	264	222447	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.500	96	3133	6.079	ng/uL	0.00
4) Pyridine-d5	3.917	84	46085	32.878	ng/u1	0.00
7) Phenol-d5	7.237	99	59055	33.618	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	35625	33.620	ng/u1	0.00
11) 2-Chlorophenol-d4	7.613	132	47757	34.092	ng/u1	0.00
15) 4-Methylphenol-d8	8.782	113	49883	33.304	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	24326	33.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	27328	35.517	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	57480	33.766	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	63187	29.381	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	193475	33.166	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	208955	32.941	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	27241	34.105	ng/u1	0.00
60) Fluorene-d10	15.691	176	171647	32.758	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	37496	35.371	ng/u1	0.00
73) Anthracene-d10	17.542	188	285382	32.518	ng/u1	0.00
81) Pyrene-d10	19.828	212	377715	33.485	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	381098	33.940	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.541	88	6822	12.131	ng/uL#	86
5) Pyridine	3.935	79	45226	31.112	ng/u1	91
6) Benzaldehyde	7.213	77	43748m	48.906	ng/u1	
8) Phenol	7.260	94	60581	33.052	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.495	93	45655	32.883	ng/u1	88
12) 2-Chlorophenol	7.642	128	47630	33.303	ng/u1	95
13) 2-Methylphenol	8.512	108	45980	32.316	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.606	45	69270	33.588	ng/u1	96
16) Acetophenone	8.899	105	75466	32.579	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.882	70	37868	32.069	ng/u1	95
18) 4-Methylphenol	8.847	108	49339	32.416	ng/u1	98
19) Hexachloroethane	9.170	117	19208	31.694	ng/u1#	89
22) Nitrobenzene	9.281	77	57277	33.206	ng/u1	92
23) Isophorone	9.804	82	108841	32.545	ng/u1	96
25) 2-Nitrophenol	9.992	139	27350	33.899	ng/u1	96
26) 2,4-Dimethylphenol	10.051	107	53371	30.294	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.286	93	63454	33.704	ng/u1	99
29) 2,4-Dichlorophenol	10.533	162	55184	32.416	ng/u1	96
30) Naphthalene	10.938	128	153191	31.653	ng/u1	99
32) 4-Chloroaniline	11.038	127	63187	29.629	ng/u1	99
33) Hexachlorobutadiene	11.226	225	49600	29.829	ng/u1	96
34) Caprolactam	11.790	113	16649m	32.773	ng/u1	
35) 4-Chloro-3-methylphenol	12.154	107	54441	33.254	ng/u1	98
36) 2-Methylnaphthalene	12.536	142	110912	30.980	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	109895	30.779	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.906	216	93462	31.009	ng/ul	95
40) Hexachlorocyclopentadiene	12.889	237	46760	27.662	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.142	196	52137	33.329	ng/ul	99
42) 2,4,5-Trichlorophenol	13.212	196	57858	32.716	ng/ul	94
43) 1,1'-Biphenyl	13.541	154	164332	31.975	ng/ul	98
44) 2-Chloronaphthalene	13.582	162	134530	31.521	ng/ul	98
45) 2-Nitroaniline	13.776	65	38588	35.938	ng/ul	96
47) Dimethylphthalate	14.152	163	181609	32.391	ng/ul	100
48) 2,6-Dinitrotoluene	14.270	165	40440	35.863	ng/ul#	89
50) Acenaphthylene	14.428	152	206136	31.649	ng/ul	98
51) 3-Nitroaniline	14.599	138	35603	38.894	ng/ul#	93
52) Acenaphthene	14.769	153	144257	33.167	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	16982	32.508	ng/ul#	66
55) 4-Nitrophenol	14.904	109	25549	32.630	ng/ul	92
56) Dibenzofuran	15.098	168	212430	31.921	ng/ul	97
57) 2,4-Dinitrotoluene	15.057	165	58151	35.551	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.327	232	56986	37.083	ng/ul	93
59) Diethylphthalate	15.515	149	179972	32.737	ng/ul	97
61) Fluorene	15.750	166	174884	32.266	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.738	204	108879	31.593	ng/ul	94
63) 4-Nitroaniline	15.762	138	37151m	42.207	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.821	198	35474	34.860	ng/ul	99
67) N-Nitrosodiphenylamine	15.950	169	159658	33.606	ng/ul	99
68) 4-Bromophenyl-phenylether	16.632	248	81269	33.668	ng/ul	96
69) Hexachlorobenzene	16.755	284	89371	31.589	ng/ul	91
70) Atrazine	16.896	200	77354	33.149	ng/ul	95
71) Pentachlorophenol	17.102	266	42128	35.132	ng/ul	95
72) Phenanthrene	17.489	178	318961	33.129	ng/ul	98
74) Anthracene	17.583	178	317053	32.676	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.506	216	100164	30.262	ng/uL	97
76) Pentachlorobenzene	15.022	250	98223	32.266	ng/uL	96
77) Carbazole	17.848	167	268388	33.549	ng/ul	99
78) Di-n-butylphthalate	18.400	149	314397	34.519	ng/ul	99
80) Fluoranthene	19.493	202	412479	32.756	ng/ul#	96
82) Pyrene	19.857	202	407617	32.558	ng/ul	96
83) Butylbenzylphthalate	20.738	149	139498	36.973	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.614	252	167089	37.320	ng/ul	99
85) Benzo(a)anthracene	21.702	228	442337	33.171	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	198969	36.089	ng/ul	97
87) Chrysene	21.773	228	412434	32.238	ng/ul	99
89) Di-n-octyl phthalate	22.830	149	344020	36.010	ng/ul	100
90) Benzo(b)fluoranthene	23.947	252	475720	34.634	ng/ul#	97
91) Benzo(k)fluoranthene	24.011	252	439473	33.415	ng/ul#	99
93) Benzo(a)pyrene	24.828	252	404709	30.587	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.712	276	560159	35.188	ng/ul	97
95) Dibenzo(a,h)anthracene	28.770	278	459216	34.278	ng/ul#	96
96) Benzo(g,h,i)perylene	29.875	276	455165	33.864	ng/ul#	96

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

