

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062522\
 Data File : BG054066.D
 Acq On : 25 Jun 2022 17:59
 Operator : CG/JU
 Sample : PB145715BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS715

Quant Time: Jun 27 09:08:25 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 06/27/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	20777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.882	136	98970	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.695	164	77488	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	196377	20.000	ng/u1	0.00
79) Chrysene-d12	21.716	240	208319	20.000	ng/u1	0.00
88) Perylene-d12	24.971	264	210932	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.496	96	3175	7.271	ng/uL	0.00
4) Pyridine-d5	3.907	84	45215	38.069	ng/u1	0.00
7) Phenol-d5	7.227	99	64920	43.615	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	38928	43.355	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	48987	41.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	55270	43.549	ng/u1	0.00
21) Nitrobenzene-d5	9.231	128	26136	35.578	ng/u1	0.00
24) 2-Nitrophenol-d4	9.953	143	29312	37.554	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	64123	37.132	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	73269	33.584	ng/u1	0.00
46) Dimethylphthalate-d6	14.096	166	214050	35.114	ng/u1	0.00
49) Acenaphthylene-d8	14.389	160	239087	36.069	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	33187	39.760	ng/u1	0.00
60) Fluorene-d10	15.688	176	193362	35.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	39288	36.675	ng/u1	0.00
73) Anthracene-d10	17.539	188	314561	35.469	ng/u1	0.00
81) Pyrene-d10	19.824	212	413070	38.030	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.748	264	404652	38.005	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.531	88	7485	15.708	ng/uL#	86
5) Pyridine	3.925	79	46380	37.654	ng/u1	92
6) Benzaldehyde	7.204	77	44314	58.463	ng/u1	95
8) Phenol	7.256	94	66031	42.515	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.486	93	47851	40.674	ng/u1	89
12) 2-Chlorophenol	7.638	128	48742	40.220	ng/u1	97
13) 2-Methylphenol	8.508	108	51041	42.336	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.596	45	78665	45.016	ng/u1	98
16) Acetophenone	8.890	105	78885	40.190	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.878	70	41062	41.039	ng/u1	98
18) 4-Methylphenol	8.837	108	56627	43.906	ng/u1	99
19) Hexachloroethane	9.160	117	18551	36.124	ng/u1	88
22) Nitrobenzene	9.272	77	62404	35.664	ng/u1	94
23) Isophorone	9.795	82	119862	35.331	ng/u1	99
25) 2-Nitrophenol	9.989	139	29656	36.234	ng/u1	93
26) 2,4-Dimethylphenol	10.047	107	61121	34.199	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.276	93	70377	36.849	ng/u1	100
29) 2,4-Dichlorophenol	10.523	162	58411	33.823	ng/u1	96
30) Naphthalene	10.929	128	167680	34.154	ng/u1	98
32) 4-Chloroaniline	11.034	127	70338	32.513	ng/u1	98
33) Hexachlorobutadiene	11.222	225	42833	25.393	ng/u1	98
34) Caprolactam	11.786	113	19059m	36.983	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	62081	37.382	ng/u1	99
36) 2-Methylnaphthalene	12.533	142	122917	33.844	ng/u1	99

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37) 1-Methylnaphthalene	12.750	142	124417	34.351	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.897	216	90745	28.811	ng/ul	99
40) Hexachlorocyclopentadiene	12.879	237	41209	23.329	ng/ul	96
41) 2,4,6-Trichlorophenol	13.132	196	53266	32.584	ng/ul	95
42) 2,4,5-Trichlorophenol	13.208	196	61489	33.272	ng/ul	98
43) 1,1'-Biphenyl	13.531	154	182084	33.904	ng/ul	100
44) 2-Chloronaphthalene	13.578	162	145304	32.579	ng/ul	100
45) 2-Nitroaniline	13.772	65	44921	40.035	ng/ul	98
47) Dimethylphthalate	14.143	163	199553	34.059	ng/ul#	99
48) 2,6-Dinitrotoluene	14.266	165	42346	35.936	ng/ul	94
50) Acenaphthylene	14.419	152	231655	34.036	ng/ul	99
51) 3-Nitroaniline	14.595	138	39595	41.393	ng/ul#	92
52) Acenaphthene	14.759	153	161671	35.571	ng/ul	99
53) 2,4-Dinitrophenol	14.801	184	17981	32.939	ng/ul#	59
55) 4-Nitrophenol	14.900	109	27084	33.101	ng/ul	96
56) Dibenzofuran	15.094	168	234456	33.714	ng/ul	97
57) 2,4-Dinitrotoluene	15.047	165	63265	37.012	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.318	232	54991	34.244	ng/ul#	98
59) Diethylphthalate	15.506	149	200022	34.818	ng/ul	100
61) Fluorene	15.741	166	195517	34.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.735	204	110576	30.704	ng/ul	94
63) 4-Nitroaniline	15.752	138	43120	46.880	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.817	198	36925	35.908	ng/ul	99
67) N-Nitrosodiphenylamine	15.946	169	176846	36.836	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	80133	32.851	ng/ul	97
69) Hexachlorobenzene	16.751	284	86730	30.336	ng/ul	95
70) Atrazine	16.886	200	80556	34.162	ng/ul	97
71) Pentachlorophenol	17.092	266	36306	29.961	ng/ul	95
72) Phenanthrene	17.486	178	350840	36.061	ng/ul	98
74) Anthracene	17.574	178	348868	35.580	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.502	216	97910	29.273	ng/uL	97
76) Pentachlorobenzene	15.018	250	95062	30.902	ng/uL	92
77) Carbazole	17.838	167	307799	38.075	ng/ul	98
78) Di-n-butylphthalate	18.396	149	366527	39.823	ng/ul	99
80) Fluoranthene	19.489	202	450001	37.112	ng/ul	99
82) Pyrene	19.853	202	449080	37.252	ng/ul	100
83) Butylbenzylphthalate	20.735	149	164648	45.320	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.604	252	161070	37.362	ng/ul	96
85) Benzo(a)anthracene	21.693	228	474251	36.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.599	149	233889	44.058	ng/ul	99
87) Chrysene	21.763	228	438042	35.559	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	405734	44.788	ng/ul	100
90) Benzo(b)fluoranthene	23.937	252	480694	36.907	ng/ul	97
91) Benzo(k)fluoranthene	24.007	252	472838	37.914	ng/ul	99
93) Benzo(a)pyrene	24.818	252	423422	33.748	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.696	276	562076	37.236	ng/ul	99
95) Dibenzo(a,h)anthracene	28.767	278	473567m	37.279	ng/ul	
96) Benzo(g,h,i)perylene	29.854	276	449721	35.286	ng/ul	99

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

