

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
 Data File : BG054029.D
 Acq On : 24 Jun 2022 1:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020571

Quant Time: Jun 24 03:13:31 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 06/24/2022
 Supervised By :mohammad ahmed 06/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	22113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.883	136	103501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.696	164	84350	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	216573	20.000	ng/u1	0.00
79) Chrysene-d12	21.718	240	232949	20.000	ng/u1	0.00
88) Perylene-d12	24.978	264	236982	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.492	96	3551	7.641	ng/uL	-0.01
4) Pyridine-d5	3.909	84	26065	20.620	ng/u1	0.00
7) Phenol-d5	7.234	99	36781	23.217	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	21586	22.588	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	28094	22.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.780	113	33090	24.497	ng/u1	0.00
21) Nitrobenzene-d5	9.232	128	15122	19.684	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	17075	20.918	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.501	165	38209	21.157	ng/u1	0.00
31) 4-Chloroaniline-d4	11.012	131	47855	20.975	ng/u1	0.00
46) Dimethylphthalate-d6	14.097	166	126984	19.136	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	140502	19.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.890	143	18078	19.897	ng/u1	0.00
60) Fluorene-d10	15.689	176	114601	19.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.801	200	22492	19.038	ng/u1	0.00
73) Anthracene-d10	17.540	188	190516	19.479	ng/u1	0.00
81) Pyrene-d10	19.826	212	244797	20.155	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.749	264	233395	19.511	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.527	88	4118	8.120	ng/uL#	87
5) Pyridine	3.932	79	27746	21.165	ng/u1	89
6) Benzaldehyde	7.205	77	22224m	27.549	ng/u1	
8) Phenol	7.258	94	39432	23.855	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.487	93	27924	22.302	ng/u1	93
12) 2-Chlorophenol	7.640	128	28509	22.103	ng/u1	96
13) 2-Methylphenol	8.509	108	30202	23.537	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.598	45	45012	24.202	ng/u1	98
16) Acetophenone	8.891	105	47191	22.590	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.874	70	25696	24.130	ng/u1	95
18) 4-Methylphenol	8.838	108	33996	24.766	ng/u1	92
19) Hexachloroethane	9.162	117	11250	20.583	ng/u1	88
22) Nitrobenzene	9.273	77	36308	19.842	ng/u1	96
23) Isophorone	9.802	82	71332	20.106	ng/u1	99
25) 2-Nitrophenol	9.990	139	18086	21.131	ng/u1	98
26) 2,4-Dimethylphenol	10.049	107	40423	21.628	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.278	93	42094	21.076	ng/u1	99
29) 2,4-Dichlorophenol	10.531	162	37804	20.932	ng/u1	97
30) Naphthalene	10.936	128	100599	19.594	ng/u1	99
32) 4-Chloroaniline	11.036	127	47207	20.865	ng/u1	99
33) Hexachlorobutadiene	11.224	225	28009	15.878	ng/u1	98
34) Caprolactam	11.782	113	11319	21.002	ng/u1	80
35) 4-Chloro-3-methylphenol	12.158	107	39775	22.902	ng/u1	94
36) 2-Methylnaphthalene	12.534	142	74905	19.722	ng/u1	97

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37) 1-Methylnaphthalene	12.752	142	77022	20.334	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	58424	17.040	ng/ul	97
40) Hexachlorocyclopentadiene	12.887	237	34701	18.046	ng/ul	99
41) 2,4,6-Trichlorophenol	13.133	196	35778	20.106	ng/ul	90
42) 2,4,5-Trichlorophenol	13.210	196	39431	19.601	ng/ul	96
43) 1,1'-Biphenyl	13.533	154	114080	19.513	ng/ul	99
44) 2-Chloronaphthalene	13.580	162	91920	18.933	ng/ul	98
45) 2-Nitroaniline	13.774	65	27480	22.499	ng/ul	100
47) Dimethylphthalate	14.144	163	121173	18.999	ng/ul	99
48) 2,6-Dinitrotoluene	14.262	165	25831	20.138	ng/ul	98
50) Acenaphthylene	14.420	152	147481	19.906	ng/ul	99
51) 3-Nitroaniline	14.591	138	23604	22.668	ng/ul#	95
52) Acenaphthene	14.761	153	96970	19.600	ng/ul	99
53) 2,4-Dinitrophenol	14.802	184	10867	18.287	ng/ul#	63
55) 4-Nitrophenol	14.902	109	16148	18.130	ng/ul	95
56) Dibenzofuran	15.096	168	147420	19.474	ng/ul	99
57) 2,4-Dinitrotoluene	15.049	165	37540	20.176	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.319	232	34654	19.824	ng/ul	97
59) Diethylphthalate	15.507	149	121399	19.413	ng/ul	99
61) Fluorene	15.742	166	120912	19.611	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.736	204	70695	18.033	ng/ul	95
63) 4-Nitroaniline	15.754	138	22851	22.822	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.813	198	21613	19.058	ng/ul	94
67) N-Nitrosodiphenylamine	15.948	169	109371	20.657	ng/ul	97
68) 4-Bromophenyl-phenylether	16.629	248	48927	18.188	ng/ul	95
69) Hexachlorobenzene	16.753	284	56876	18.039	ng/ul	92
70) Atrazine	16.888	200	50321	19.350	ng/ul	99
71) Pentachlorophenol	17.093	266	24793	18.552	ng/ul	93
72) Phenanthrene	17.481	178	214420	19.984	ng/ul	99
74) Anthracene	17.575	178	216479	20.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	62709	17.000	ng/ul	99
76) Pentachlorobenzene	15.019	250	60642	17.875	ng/ul	97
77) Carbazole	17.840	167	185930	20.855	ng/ul	99
78) Di-n-butylphthalate	18.398	149	219107	21.586	ng/ul	99
80) Fluoranthene	19.491	202	278680	20.553	ng/ul	97
82) Pyrene	19.855	202	276893	20.540	ng/ul	98
83) Butylbenzylphthalate	20.736	149	95029	23.392	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.612	252	99032	20.543	ng/ul	98
85) Benzo(a)anthracene	21.700	228	288129	20.067	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.606	149	136596	23.010	ng/ul	98
87) Chrysene	21.765	228	276325	20.060	ng/ul	99
89) Di-n-octyl phthalate	22.828	149	238427	23.426	ng/ul	100
90) Benzo(b)fluoranthene	23.938	252	299365	20.458	ng/ul#	98
91) Benzo(k)fluoranthene	24.003	252	273506	19.520	ng/ul	99
93) Benzo(a)pyrene	24.826	252	283683	20.125	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.692	276	332778	19.622	ng/ul	99
95) Dibenzo(a,h)anthracene	28.762	278	283965	19.896	ng/ul	97
96) Benzo(g,h,i)perylene	29.849	276	278019	19.416	ng/ul	98

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

