

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062522\
 Data File : BG054070.D
 Acq On : 25 Jun 2022 20:36
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020575

Quant Time: Jun 27 01:46:39 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	8.075	152	24085	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	111195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.697	164	89430	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	225957	20.000	ng/u1	0.00
79) Chrysene-d12	21.712	240	239270	20.000	ng/u1	0.00
88) Perylene-d12	24.967	264	239347	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	4336	8.566	ng/uL	-0.01
4) Pyridine-d5	3.910	84	28268	20.531	ng/u1	0.00
7) Phenol-d5	7.229	99	38143	22.106	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	23363	22.446	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	29642	21.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	34377	23.366	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	15639	18.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	17662	20.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	38828	20.012	ng/u1	0.00
31) 4-Chloroaniline-d4	11.007	131	49858	20.341	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	127458	18.117	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	143953	18.817	ng/u1	0.00
54) 4-Nitrophenol-d4	14.885	143	18591	19.299	ng/u1	0.00
60) Fluorene-d10	15.684	176	116740	18.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	21925	17.787	ng/u1	0.00
73) Anthracene-d10	17.541	188	191782	18.794	ng/u1	0.00
81) Pyrene-d10	19.820	212	245053	19.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.744	264	230669	19.093	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.528	88	4708	8.523	ng/uL#	79
5) Pyridine	3.927	79	30531	21.383	ng/u1	95
6) Benzaldehyde	7.206	77	22469	25.572	ng/u1	90
8) Phenol	7.253	94	40739	22.628	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.482	93	29812	21.860	ng/u1	92
12) 2-Chlorophenol	7.635	128	30818	21.937	ng/u1	95
13) 2-Methylphenol	8.510	108	32400	23.183	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.598	45	48749	24.065	ng/u1	100
16) Acetophenone	8.892	105	50513	22.201	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.874	70	26435	22.791	ng/u1	98
18) 4-Methylphenol	8.839	108	35701	23.879	ng/u1	96
19) Hexachloroethane	9.162	117	12255	20.586	ng/u1	93
22) Nitrobenzene	9.274	77	37914	19.286	ng/u1	92
23) Isophorone	9.797	82	74034	19.423	ng/u1	99
25) 2-Nitrophenol	9.991	139	18057	19.637	ng/u1	91
26) 2,4-Dimethylphenol	10.044	107	41293	20.565	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.279	93	44747	20.854	ng/u1	98
29) 2,4-Dichlorophenol	10.525	162	37764	19.463	ng/u1	98
30) Naphthalene	10.931	128	106661	19.337	ng/u1	99
32) 4-Chloroaniline	11.031	127	49749	20.468	ng/u1	96
33) Hexachlorobutadiene	11.225	225	28834	15.215	ng/u1	92
34) Caprolactam	11.777	113	11474	19.817	ng/u1	90
35) 4-Chloro-3-methylphenol	12.153	107	40951	21.947	ng/u1	96
36) 2-Methylnaphthalene	12.529	142	78936	19.345	ng/u1	96

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37) 1-Methylnaphthalene	12.746	142	79466	19.528	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.899	216	59420	16.346	ng/ul	97
40) Hexachlorocyclopentadiene	12.882	237	34491	16.918	ng/ul	96
41) 2,4,6-Trichlorophenol	13.134	196	34780	18.435	ng/ul	95
42) 2,4,5-Trichlorophenol	13.205	196	37939	17.788	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	119234	19.236	ng/ul	98
44) 2-Chloronaphthalene	13.575	162	94547	18.368	ng/ul	99
45) 2-Nitroaniline	13.775	65	27972	21.601	ng/ul	97
47) Dimethylphthalate	14.145	163	123170	18.215	ng/ul	99
48) 2,6-Dinitrotoluene	14.262	165	26090	19.184	ng/ul	97
50) Acenaphthylene	14.421	152	151359	19.269	ng/ul	99
51) 3-Nitroaniline	14.591	138	23821	21.577	ng/ul#	93
52) Acenaphthene	14.762	153	100152	19.093	ng/ul	100
53) 2,4-Dinitrophenol	14.797	184	10196	16.183	ng/ul#	57
55) 4-Nitrophenol	14.897	109	16363	17.328	ng/ul	94
56) Dibenzofuran	15.097	168	151572	18.885	ng/ul	95
57) 2,4-Dinitrotoluene	15.050	165	38095	19.311	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.320	232	33751	18.211	ng/ul	96
59) Diethylphthalate	15.502	149	124988	18.851	ng/ul	100
61) Fluorene	15.743	166	123591	18.907	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.731	204	70452	16.950	ng/ul	96
63) 4-Nitroaniline	15.749	138	22489m	21.185	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.813	198	20937	17.695	ng/ul#	97
67) N-Nitrosodiphenylamine	15.943	169	111830	20.244	ng/ul	97
68) 4-Bromophenyl-phenylether	16.624	248	49343	17.581	ng/ul	98
69) Hexachlorobenzene	16.748	284	54458	16.555	ng/ul	98
70) Atrazine	16.889	200	49389	18.203	ng/ul	97
71) Pentachlorophenol	17.094	266	23051	16.532	ng/ul	93
72) Phenanthrene	17.482	178	217035	19.387	ng/ul	99
74) Anthracene	17.570	178	219931	19.494	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	63634	16.534	ng/ul	95
76) Pentachlorobenzene	15.020	250	59934	16.932	ng/ul	98
77) Carbazole	17.840	167	189933	20.419	ng/ul	99
78) Di-n-butylphthalate	18.399	149	224556	21.204	ng/ul	99
80) Fluoranthene	19.491	202	284176	20.405	ng/ul	97
82) Pyrene	19.850	202	278804	20.136	ng/ul	99
83) Butylbenzylphthalate	20.731	149	99056	23.739	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.607	252	99470	20.089	ng/ul	95
85) Benzo(a)anthracene	21.695	228	286619	19.434	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	142913	23.438	ng/ul	99
87) Chrysene	21.759	228	272536	19.262	ng/ul	100
89) Di-n-octyl phthalate	22.823	149	243018	23.642	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	294945	19.957	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	270878	19.141	ng/ul	98
93) Benzo(a)pyrene	24.815	252	278212	19.542	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.681	276	324183	18.927	ng/ul	97
95) Dibenzo(a,h)anthracene	28.745	278	271055	18.804	ng/ul	99
96) Benzo(g,h,i)perylene	29.838	276	271407	18.767	ng/ul	96

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

