

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061727.D
 Acq On : 26 Jun 2024 8:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020538

Quant Time: Jun 26 08:45:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	77930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	420114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	314764	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	769705	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	648473	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	766870	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	15660	7.259	ng/uL	0.00
4) Pyridine-d5	3.881	84	129406	19.840	ng/u1	0.00
7) Phenol-d5	7.213	99	170550	20.159	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	108703	20.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.601	132	117786	20.289	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	140380	21.464	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	66544	23.328	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	70907	24.543	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	141522	20.687	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	201928	19.496	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	474778	19.601	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	537877	20.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.880	143	84226	20.247	ng/u1	0.01
60) Fluorene-d10	15.691	176	442842	20.884	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	79369	24.115	ng/u1	0.00
73) Anthracene-d10	17.542	188	702764	20.002	ng/u1	0.00
81) Pyrene-d10	19.821	212	742419	20.496	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	750207	20.483	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	17476	6.519	ng/uL	89
5) Pyridine	3.905	79	132418	18.886	ng/u1	99
6) Benzaldehyde	7.207	77	96517	23.184	ng/u1	96
8) Phenol	7.242	94	175526	19.716	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.489	93	131086	19.563	ng/u1	94
12) 2-Chlorophenol	7.630	128	117658	20.201	ng/u1	95
13) 2-Methylphenol	8.505	108	128371	20.609	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.605	45	298018	21.769	ng/u1	96
16) Acetophenone	8.899	105	219882	20.418	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.881	70	119977	20.739	ng/u1#	97
18) 4-Methylphenol	8.834	108	145249	20.815	ng/u1	100
19) Hexachloroethane	9.163	117	50544	21.643	ng/u1#	89
22) Nitrobenzene	9.281	77	182731	22.237	ng/u1	93
23) Isophorone	9.804	82	358913	18.991	ng/u1	97
25) 2-Nitrophenol	9.992	139	74624	24.701	ng/u1#	72
26) 2,4-Dimethylphenol	10.045	107	166494	19.705	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.286	93	210220	19.664	ng/u1	98
29) 2,4-Dichlorophenol	10.526	162	130140	20.763	ng/u1	98
30) Naphthalene	10.938	128	453513	19.293	ng/u1	99
32) 4-Chloroaniline	11.038	127	197913	19.267	ng/u1	93
33) Hexachlorobutadiene	11.214	225	90289	20.854	ng/u1	96
34) Caprolactam	11.796	113	51569m	19.897	ng/u1	
35) 4-Chloro-3-methylphenol	12.148	107	177260	20.224	ng/u1	99
36) 2-Methylnaphthalene	12.536	142	332724	20.060	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	339671	19.193	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.894	216	176627	19.828	ng/ul	95
40) Hexachlorocyclopentadiene	12.871	237	98674	18.617	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.129	196	124186	21.607	ng/ul	88
42) 2,4,5-Trichlorophenol	13.200	196	132593	21.166	ng/ul	89
43) 1,1'-Biphenyl	13.541	154	459662	20.160	ng/ul	98
44) 2-Chloronaphthalene	13.582	162	355971	20.325	ng/ul	99
45) 2-Nitroaniline	13.781	65	145597	24.284	ng/ul	96
47) Dimethylphthalate	14.152	163	451059	18.753	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	99315	24.882	ng/ul#	87
50) Acenaphthylene	14.422	152	579899	19.570	ng/ul	99
51) 3-Nitroaniline	14.598	138	96183	23.531	ng/ul#	95
52) Acenaphthene	14.763	153	394849	19.241	ng/ul	97
53) 2,4-Dinitrophenol	14.798	184	46938	23.141	ng/ul	87
55) 4-Nitrophenol	14.892	109	86815	20.209	ng/ul	98
56) Dibenzofuran	15.098	168	567374	19.758	ng/ul	92
57) 2,4-Dinitrotoluene	15.056	165	150200	25.351	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.315	232	126803	20.643	ng/ul#	95
59) Diethylphthalate	15.515	149	503053	20.307	ng/ul	95
61) Fluorene	15.744	166	475854	20.023	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.738	204	239809	20.326	ng/ul	95
63) 4-Nitroaniline	15.762	138	97325	22.475	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.814	198	88486	23.735	ng/ul	97
67) N-Nitrosodiphenylamine	15.950	169	408789	20.538	ng/ul	98
68) 4-Bromophenyl-phenylether	16.637	248	173310	21.868	ng/ul	94
69) Hexachlorobenzene	16.743	284	199672	20.761	ng/ul	98
70) Atrazine	16.895	200	164025	20.631	ng/ul	97
71) Pentachlorophenol	17.084	266	110898	18.929	ng/ul	98
72) Phenanthrene	17.489	178	796147	19.661	ng/ul	98
74) Anthracene	17.577	178	829562	20.033	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	184127	21.471	ng/ul	96
76) Pentachlorobenzene	15.009	250	215010	20.878	ng/ul	97
77) Carbazole	17.841	167	692918	19.708	ng/ul	99
78) Di-n-butylphthalate	18.405	149	901968	21.449	ng/ul	99
80) Fluoranthene	19.492	202	886620	21.096	ng/ul	98
82) Pyrene	19.851	202	909352	20.349	ng/ul	97
83) Butylbenzylphthalate	20.738	149	377141	23.179	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.602	252	327851	23.911	ng/ul	97
85) Benzo(a)anthracene	21.690	228	914627	20.093	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.602	149	551072	23.041	ng/ul	97
87) Chrysene	21.755	228	860653	19.982	ng/ul	99
89) Di-n-octyl phthalate	22.830	149	962424	23.795	ng/ul	100
90) Benzo(b)fluoranthene	23.905	252	957032	20.760	ng/ul	98
91) Benzo(k)fluoranthene	23.975	252	938555	19.797	ng/ul	99
93) Benzo(a)pyrene	24.786	252	899153	20.260	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.611	276	1082624	19.576	ng/ul	99
95) Dibenzo(a,h)anthracene	28.693	278	909054	19.768	ng/ul	99
96) Benzo(g,h,i)perylene	29.763	276	818321m	18.356	ng/ul	

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

