

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061641.D
 Acq On : 22 Jun 2024 9:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020530

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 10:43:40 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	52012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.889	136	280810	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.702	164	197744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.446	188	460226	20.000	ng/u1	0.00
79) Chrysene-d12	21.711	240	399208	20.000	ng/u1	0.00
88) Perylene-d12	24.937	264	467710	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.468	96	11283	7.836	ng/uL	0.00
4) Pyridine-d5	3.885	84	86240	19.811	ng/u1	0.00
7) Phenol-d5	7.210	99	119299	21.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	71759	20.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.598	132	82853	21.383	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	90749	20.790	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	39852	20.901	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	46051	23.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.501	165	95333	20.849	ng/u1	0.00
31) 4-Chloroaniline-d4	11.018	131	130507	18.851	ng/u1	0.00
46) Dimethylphthalate-d6	14.108	166	295460	19.416	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	346384	20.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.872	143	52284	20.006	ng/u1	0.00
60) Fluorene-d10	15.689	176	260098	19.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	37425	19.017	ng/u1	0.00
73) Anthracene-d10	17.545	188	413818	19.699	ng/u1	0.00
81) Pyrene-d10	19.825	212	452991	20.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.713	264	457755	20.492	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.503	88	13756	7.688	ng/uL#	87
5) Pyridine	3.903	79	86620	18.510	ng/u1	99
6) Benzaldehyde	7.210	77	69160	24.891	ng/u1	90
8) Phenol	7.240	94	120946	20.355	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.492	93	88991	19.899	ng/u1#	90
12) 2-Chlorophenol	7.633	128	82722	21.280	ng/u1	99
13) 2-Methylphenol	8.503	108	89684	21.573	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.603	45	188834	20.667	ng/u1	99
16) Acetophenone	8.897	105	151510	21.079	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.879	70	78363	20.296	ng/u1	96
18) 4-Methylphenol	8.832	108	96114	20.637	ng/u1	93
19) Hexachloroethane	9.161	117	33131	21.256	ng/u1#	84
22) Nitrobenzene	9.279	77	111878	20.368	ng/u1	95
23) Isophorone	9.807	82	228077	18.055	ng/u1	98
25) 2-Nitrophenol	9.990	139	46290	22.924	ng/u1	91
26) 2,4-Dimethylphenol	10.042	107	111681	19.775	ng/u1#	92
27) Bis(2-Chloroethoxy)met...	10.289	93	132311	18.516	ng/u1	95
29) 2,4-Dichlorophenol	10.524	162	85732	20.464	ng/u1	96
30) Naphthalene	10.935	128	303548	19.319	ng/u1	99
32) 4-Chloroaniline	11.041	127	131089	19.092	ng/u1	97
33) Hexachlorobutadiene	11.223	225	59554	20.579	ng/u1	92
34) Caprolactam	11.793	113	32230m	18.605	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	112482	19.200	ng/u1	97
36) 2-Methylnaphthalene	12.540	142	216779	19.553	ng/u1	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061641.D
 Acq On : 22 Jun 2024 9:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020530

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 10:43:40 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	227286	19.213	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.898	216	117298	20.960	ng/ul	89
40) Hexachlorocyclopentadiene	12.880	237	45542	13.677	ng/ul	97
41) 2,4,6-Trichlorophenol	13.133	196	77815	21.551	ng/ul	92
42) 2,4,5-Trichlorophenol	13.198	196	85738	21.786	ng/ul	87
43) 1,1'-Biphenyl	13.538	154	289815	20.233	ng/ul	98
44) 2-Chloronaphthalene	13.585	162	226879	20.620	ng/ul	98
45) 2-Nitroaniline	13.779	65	83768	22.239	ng/ul	95
47) Dimethylphthalate	14.155	163	271236	17.950	ng/ul#	98
48) 2,6-Dinitrotoluene	14.273	165	55548	22.153	ng/ul#	95
50) Acenaphthylene	14.426	152	376773	20.240	ng/ul	98
51) 3-Nitroaniline	14.602	138	56168	21.873	ng/ul#	91
52) Acenaphthene	14.766	153	256215	19.874	ng/ul	95
53) 2,4-Dinitrophenol	14.802	184	23562	18.491	ng/ul#	77
55) 4-Nitrophenol	14.884	109	51539	19.097	ng/ul	92
56) Dibenzofuran	15.101	168	356705	19.772	ng/ul	92
57) 2,4-Dinitrotoluene	15.054	165	82233	22.093	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.313	232	76998	19.953	ng/ul#	93
59) Diethylphthalate	15.518	149	287361	18.464	ng/ul	95
61) Fluorene	15.748	166	292720	19.606	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.742	204	146557	19.773	ng/ul	98
63) 4-Nitroaniline	15.753	138	54985	20.212	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.812	198	41756	18.732	ng/ul#	86
67) N-Nitrosodiphenylamine	15.953	169	247734	20.816	ng/ul	98
68) 4-Bromophenyl-phenylether	16.635	248	97519	20.580	ng/ul	94
69) Hexachlorobenzene	16.740	284	114870	19.975	ng/ul	97
70) Atrazine	16.899	200	91693	19.289	ng/ul	98
71) Pentachlorophenol	17.081	266	65195	18.611	ng/ul	96
72) Phenanthrene	17.487	178	468177	19.336	ng/ul	99
74) Anthracene	17.581	178	494453	19.970	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.503	216	118753	23.160	ng/uL	97
76) Pentachlorobenzene	15.013	250	128458	20.862	ng/uL	89
77) Carbazole	17.839	167	424395	20.187	ng/ul	98
78) Di-n-butylphthalate	18.409	149	497088	19.770	ng/ul	98
80) Fluoranthene	19.490	202	532466	20.580	ng/ul	99
82) Pyrene	19.854	202	561424	20.407	ng/ul	97
83) Butylbenzylphthalate	20.742	149	220581	22.021	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.605	252	202232	23.958	ng/ul	99
85) Benzo(a)anthracene	21.688	228	561928	20.053	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.617	149	317734	21.580	ng/ul	99
87) Chrysene	21.752	228	531516	20.046	ng/ul	95
89) Di-n-octyl phthalate	22.845	149	546600	22.158	ng/ul	100
90) Benzo(b)fluoranthene	23.909	252	573633	20.403	ng/ul	97
91) Benzo(k)fluoranthene	23.979	252	582033	20.129	ng/ul	97
93) Benzo(a)pyrene	24.778	252	545400	20.150	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.609	276	712271m	21.117	ng/ul	
95) Dibenzo(a,h)anthracene	28.685	278	580721	20.705	ng/ul	95
96) Benzo(g,h,i)perylene	29.761	276	566781	20.846	ng/ul	97

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

