

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061719.D
 Acq On : 26 Jun 2024 2:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020537

Quant Time: Jun 26 03:40:01 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	70457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	347025	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	255749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	611942	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	518172	20.000	ng/u1	0.00
88) Perylene-d12	24.927	264	615747	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	14337	7.351	ng/uL	0.00
4) Pyridine-d5	3.887	84	114836	19.474	ng/u1	0.00
7) Phenol-d5	7.213	99	147304	19.258	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	91536	19.198	ng/u1	0.00
11) 2-Chlorophenol-d4	7.595	132	100704	19.186	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	119231	20.164	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	52725	22.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	61953	25.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	119452	21.139	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	172203	20.128	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	374047	19.006	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	437506	20.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	66804	19.764	ng/u1	0.00
60) Fluorene-d10	15.691	176	342801	19.896	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	59393	22.698	ng/u1	0.00
73) Anthracene-d10	17.542	188	549096	19.658	ng/u1	0.00
81) Pyrene-d10	19.822	212	588375	20.328	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.704	264	586677	19.949	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.506	88	16736	6.905	ng/uL	93
5) Pyridine	3.905	79	114953	18.134	ng/u1	96
6) Benzaldehyde	7.207	77	83825	22.271	ng/u1	96
8) Phenol	7.242	94	151568	18.831	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.489	93	119686	19.756	ng/u1	95
12) 2-Chlorophenol	7.630	128	103261	19.609	ng/u1	92
13) 2-Methylphenol	8.500	108	107219	19.039	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.594	45	252541	20.404	ng/u1	98
16) Acetophenone	8.893	105	186987	19.205	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.876	70	100128	19.144	ng/u1#	97
18) 4-Methylphenol	8.829	108	124243	19.693	ng/u1	97
19) Hexachloroethane	9.158	117	42531	20.143	ng/u1	91
22) Nitrobenzene	9.281	77	149497	22.024	ng/u1	98
23) Isophorone	9.804	82	295977	18.960	ng/u1	98
25) 2-Nitrophenol	9.992	139	61078	24.475	ng/u1	89
26) 2,4-Dimethylphenol	10.039	107	139040	19.922	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.286	93	173321	19.627	ng/u1#	94
29) 2,4-Dichlorophenol	10.521	162	111208	21.480	ng/u1	97
30) Naphthalene	10.938	128	379165	19.527	ng/u1	99
32) 4-Chloroaniline	11.038	127	165800	19.540	ng/u1	96
33) Hexachlorobutadiene	11.208	225	77991	21.808	ng/u1	95
34) Caprolactam	11.796	113	39629	18.511	ng/u1	89
35) 4-Chloro-3-methylphenol	12.148	107	143835	19.867	ng/u1	93
36) 2-Methylnaphthalene	12.536	142	272659	19.901	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061719.D
 Acq On : 26 Jun 2024 2:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020537

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 03:40:01 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	12.754	142	284290	19.447	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.895	216	146880	20.293	ng/ul	95
40) Hexachlorocyclopentadiene	12.871	237	76136	17.679	ng/ul	98
41) 2,4,6-Trichlorophenol	13.130	196	99067	21.214	ng/ul	98
42) 2,4,5-Trichlorophenol	13.200	196	107183	21.058	ng/ul	89
43) 1,1'-Biphenyl	13.535	154	376523	20.324	ng/ul	96
44) 2-Chloronaphthalene	13.576	162	286338	20.122	ng/ul	97
45) 2-Nitroaniline	13.776	65	112674	23.129	ng/ul	98
47) Dimethylphthalate	14.152	163	362906	18.569	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	75824	23.380	ng/ul#	92
50) Acenaphthylene	14.422	152	473510	19.667	ng/ul	97
51) 3-Nitroaniline	14.598	138	74656	22.479	ng/ul	97
52) Acenaphthene	14.763	153	324817	19.481	ng/ul	96
53) 2,4-Dinitrophenol	14.798	184	33794	20.506	ng/ul#	84
55) 4-Nitrophenol	14.892	109	66375	19.016	ng/ul	95
56) Dibenzofuran	15.098	168	462804	19.835	ng/ul	93
57) 2,4-Dinitrotoluene	15.051	165	112678	23.407	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.315	232	99202	19.877	ng/ul	95
59) Diethylphthalate	15.515	149	401483	19.946	ng/ul	97
61) Fluorene	15.744	166	388135	20.100	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.738	204	185970	19.400	ng/ul	96
63) 4-Nitroaniline	15.756	138	76432	21.723	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.815	198	64283	21.688	ng/ul	98
67) N-Nitrosodiphenylamine	15.950	169	326262	20.617	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	133494	21.187	ng/ul	97
69) Hexachlorobenzene	16.737	284	154342	20.185	ng/ul	98
70) Atrazine	16.896	200	127704	20.204	ng/ul	96
71) Pentachlorophenol	17.084	266	85807m	18.422	ng/ul	
72) Phenanthrene	17.483	178	623991	19.382	ng/ul	100
74) Anthracene	17.577	178	643484	19.546	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	148975	21.851	ng/ul	99
76) Pentachlorobenzene	15.010	250	169779	20.736	ng/ul	92
77) Carbazole	17.842	167	557128	19.931	ng/ul	99
78) Di-n-butylphthalate	18.406	149	711637	21.286	ng/ul	98
80) Fluoranthene	19.487	202	697357	20.765	ng/ul	98
82) Pyrene	19.851	202	718272	20.114	ng/ul	98
83) Butylbenzylphthalate	20.738	149	298772	22.980	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.596	252	255874	23.354	ng/ul	95
85) Benzo(a)anthracene	21.684	228	730781	20.091	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.602	149	442300	23.143	ng/ul	99
87) Chrysene	21.755	228	676445	19.654	ng/ul	99
89) Di-n-octyl phthalate	22.824	149	759167	23.376	ng/ul	100
90) Benzo(b)fluoranthene	23.905	252	744282	20.108	ng/ul	98
91) Benzo(k)fluoranthene	23.970	252	745136	19.574	ng/ul	99
93) Benzo(a)pyrene	24.775	252	700622	19.661	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.605	276	878258m	19.778	ng/ul	
95) Dibenzo(a,h)anthracene	28.682	278	707187	19.152	ng/ul	98
96) Benzo(g,h,i)perylene	29.745	276	650236m	18.166	ng/ul	

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

