

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063010.D
 Acq On : 24 Sep 2024 3:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020505

Quant Time: Sep 24 04:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26750	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	130306	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	111878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	285570	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.490	240	311757	20.000	ng/ul	# 0.00
88) Perylene-d12	24.534	264	363568	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	5522	6.046	ng/uL	0.00
4) Pyridine-d5	3.729	84	36432	14.694	ng/ul	0.00
7) Phenol-d5	7.025	99	58420	21.047	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	29312	18.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.389	132	38162	20.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	42173	20.740	ng/ul	0.00
21) Nitrobenzene-d5	9.011	128	16706	16.093	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	23294	19.779	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	47317	19.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.779	131	60838	20.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	161930	19.464	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	174640	18.794	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	25656	19.244	ng/ul	0.00
60) Fluorene-d10	15.480	176	151919	19.611	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	37463	21.702	ng/ul	0.00
73) Anthracene-d10	17.336	188	254526	18.859	ng/ul	0.00
81) Pyrene-d10	19.634	212	335955	17.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	363319	18.949	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	6236	6.900	ng/uL#	75
5) Pyridine	3.752	79	36919	14.953	ng/ul	91
6) Benzaldehyde	6.996	77	35908	23.637	ng/ul#	83
8) Phenol	7.054	94	59054	20.394	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.278	93	38555	19.693	ng/ul	91
12) 2-Chlorophenol	7.424	128	37631	20.117	ng/ul	95
13) 2-Methylphenol	8.300	108	40156	20.049	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.370	45	41442	17.061	ng/ul	96
16) Acetophenone	8.670	105	71080	22.223	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.658	70	40029	21.432	ng/ul#	95
18) 4-Methylphenol	8.623	108	47510	21.674	ng/ul	95
19) Hexachloroethane	8.934	117	14816	18.644	ng/ul	89
22) Nitrobenzene	9.046	77	61259	19.877	ng/ul#	96
23) Isophorone	9.569	82	115706	18.852	ng/ul#	93
25) 2-Nitrophenol	9.763	139	25613	19.805	ng/ul#	73
26) 2,4-Dimethylphenol	9.822	107	58007	20.019	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.057	93	59546	18.250	ng/ul	94
29) 2,4-Dichlorophenol	10.298	162	47253	19.535	ng/ul	93
30) Naphthalene	10.691	128	141823	19.602	ng/ul	99
32) 4-Chloroaniline	10.803	127	58989	19.924	ng/ul	94
33) Hexachlorobutadiene	10.985	225	42468	21.966	ng/ul#	87
34) Caprolactam	11.555	113	16979m	21.085	ng/ul	
35) 4-Chloro-3-methylphenol	11.937	107	63064	22.684	ng/ul#	90
36) 2-Methylnaphthalene	12.307	142	104006	19.948	ng/ul	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063010.D
 Acq On : 24 Sep 2024 3:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020505

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 04:28:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	107778	20.426	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.677	216	79688	20.098	ng/ul	89
40) Hexachlorocyclopentadiene	12.659	237	45559	21.659	ng/ul#	87
41) 2,4,6-Trichlorophenol	12.918	196	48870	19.780	ng/ul	89
42) 2,4,5-Trichlorophenol	12.994	196	56187	21.646	ng/ul	99
43) 1,1'-Biphenyl	13.318	154	155534	18.715	ng/ul	96
44) 2-Chloronaphthalene	13.359	162	122110	18.282	ng/ul	99
45) 2-Nitroaniline	13.564	65	47549	21.057	ng/ul	94
47) Dimethylphthalate	13.940	163	172293	20.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.064	165	33353	20.535	ng/ul#	85
50) Acenaphthylene	14.211	152	185242	18.935	ng/ul	98
51) 3-Nitroaniline	14.393	138	29428	20.203	ng/ul#	82
52) Acenaphthene	14.551	153	129821	18.270	ng/ul	97
53) 2,4-Dinitrophenol	14.604	184	20834	21.476	ng/ul#	85
55) 4-Nitrophenol	14.710	109	34254	22.752	ng/ul	88
56) Dibenzofuran	14.886	168	202297	19.198	ng/ul	90
57) 2,4-Dinitrotoluene	14.857	165	51111	20.879	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.115	232	51610	22.095	ng/ul#	96
59) Diethylphthalate	15.315	149	167707	17.707	ng/ul	98
61) Fluorene	15.538	166	156906	19.461	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	93698	21.060	ng/ul	95
63) 4-Nitroaniline	15.556	138	31796	21.751	ng/ul#	64
66) 4,6-Dinitro-2-methylph...	15.621	198	40632	22.003	ng/ul#	91
67) N-Nitrosodiphenylamine	15.750	169	149280	18.614	ng/ul	100
68) 4-Bromophenyl-phenylether	16.432	248	66431	20.925	ng/ul	91
69) Hexachlorobenzene	16.549	284	82738	22.571	ng/ul	94
70) Atrazine	16.702	200	70958	21.332	ng/ul#	92
71) Pentachlorophenol	16.890	266	42769	20.461	ng/ul#	91
72) Phenanthrene	17.283	178	285820	18.840	ng/ul	98
74) Anthracene	17.372	178	296501	18.927	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.288	216	84134	19.320	ng/ul	97
76) Pentachlorobenzene	14.810	250	93661	20.378	ng/ul	97
77) Carbazole	17.642	167	232303	18.627	ng/ul	98
78) Di-n-butylphthalate	18.206	149	277878	17.324	ng/ul#	98
80) Fluoranthene	19.299	202	360440	17.492	ng/ul#	92
82) Pyrene	19.663	202	383105	17.439	ng/ul#	90
83) Butylbenzylphthalate	20.556	149	122018	15.981	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.390	252	146024	20.884	ng/ul	99
85) Benzo(a)anthracene	21.473	228	408166	18.481	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.390	149	179106	16.236	ng/ul#	96
87) Chrysene	21.537	228	388806	18.815	ng/ul	98
89) Di-n-octyl phthalate	22.536	149	312875	16.249	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	407744	18.421	ng/ul#	98
91) Benzo(k)fluoranthene	23.635	252	423807	19.219	ng/ul#	95
93) Benzo(a)pyrene	24.393	252	390525	18.768	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.959	276	496651	19.479	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.018	278	404956	19.868	ng/ul#	92
96) Benzo(g,h,i)perylene	29.029	276	375754	19.194	ng/ul#	95

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

