

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061704.D
 Acq On : 25 Jun 2024 15:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020536

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 16:46:57 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	8.076	152	52111	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	283896	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	223557	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.447	188	579227	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	477113	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	558239	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	11489	7.964	ng/uL	0.00
4) Pyridine-d5	3.887	84	95528	21.903	ng/u1	0.00
7) Phenol-d5	7.212	99	118975	21.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	72724	20.622	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	80456	20.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	95074	21.739	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	43832	22.739	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	49996	25.608	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	97395	21.068	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	141584	20.229	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	338621	19.683	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	384740	20.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.880	143	61647	20.865	ng/u1	0.01
60) Fluorene-d10	15.691	176	308760	20.501	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	57240	23.110	ng/u1	0.00
73) Anthracene-d10	17.541	188	519864	19.662	ng/u1	0.00
81) Pyrene-d10	19.821	212	557277	20.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.715	264	552149	20.709	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	13913	7.761	ng/uL	90
5) Pyridine	3.904	79	102934	21.955	ng/u1	97
6) Benzaldehyde	7.206	77	67440	24.226	ng/u1	91
8) Phenol	7.242	94	124747	20.955	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.488	93	90964	20.301	ng/u1#	95
12) 2-Chlorophenol	7.635	128	83915	21.546	ng/u1	94
13) 2-Methylphenol	8.505	108	87852	21.092	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.599	45	193708	21.160	ng/u1	98
16) Acetophenone	8.893	105	148470	20.617	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.875	70	79574	20.570	ng/u1	93
18) 4-Methylphenol	8.828	108	98226	21.050	ng/u1	93
19) Hexachloroethane	9.163	117	34446	22.058	ng/u1#	84
22) Nitrobenzene	9.280	77	119790	21.572	ng/u1	95
23) Isophorone	9.803	82	242657	19.001	ng/u1	99
25) 2-Nitrophenol	9.991	139	49883	24.434	ng/u1#	86
26) 2,4-Dimethylphenol	10.044	107	116864	20.468	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.285	93	140230	19.411	ng/u1	94
29) 2,4-Dichlorophenol	10.526	162	90484	21.363	ng/u1	93
30) Naphthalene	10.937	128	318040	20.021	ng/u1	99
32) 4-Chloroaniline	11.037	127	140499	20.241	ng/u1#	86
33) Hexachlorobutadiene	11.214	225	61630	21.065	ng/u1#	86
34) Caprolactam	11.795	113	36180m	20.658	ng/u1	
35) 4-Chloro-3-methylphenol	12.148	107	127041	21.449	ng/u1	97
36) 2-Methylnaphthalene	12.535	142	224834	20.059	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	235092	19.657	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.894	216	123648	19.543	ng/ul	92
40) Hexachlorocyclopentadiene	12.876	237	61109	16.233	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.135	196	87330	21.394	ng/ul	96
42) 2,4,5-Trichlorophenol	13.199	196	95475	21.458	ng/ul	91
43) 1,1'-Biphenyl	13.540	154	325560	20.104	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	249941	20.093	ng/ul	98
45) 2-Nitroaniline	13.781	65	105455	24.764	ng/ul	98
47) Dimethylphthalate	14.151	163	322667	18.888	ng/ul#	99
48) 2,6-Dinitrotoluene	14.275	165	68096	24.021	ng/ul#	88
50) Acenaphthylene	14.427	152	422538	20.077	ng/ul	98
51) 3-Nitroaniline	14.598	138	71626	24.672	ng/ul	89
52) Acenaphthene	14.762	153	292421	20.063	ng/ul	95
53) 2,4-Dinitrophenol	14.798	184	34243	23.770	ng/ul	87
55) 4-Nitrophenol	14.892	109	62100	20.353	ng/ul	94
56) Dibenzofuran	15.097	168	411072	20.155	ng/ul	91
57) 2,4-Dinitrotoluene	15.056	165	107579	25.566	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.315	232	96503	22.120	ng/ul#	97
59) Diethylphthalate	15.514	149	368447	20.941	ng/ul	97
61) Fluorene	15.743	166	357838	21.200	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.738	204	173514	20.707	ng/ul	97
63) 4-Nitroaniline	15.755	138	69542	22.611	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.814	198	59582	21.238	ng/ul	98
67) N-Nitrosodiphenylamine	15.949	169	302522	20.197	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	123267	20.669	ng/ul	95
69) Hexachlorobenzene	16.742	284	141522	19.554	ng/ul	97
70) Atrazine	16.895	200	117508	19.640	ng/ul	97
71) Pentachlorophenol	17.083	266	83390	18.915	ng/ul	98
72) Phenanthrene	17.488	178	573601	18.823	ng/ul	99
74) Anthracene	17.577	178	599807	19.248	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.499	216	127507	19.758	ng/uL	97
76) Pentachlorobenzene	15.015	250	155878	20.114	ng/uL	95
77) Carbazole	17.841	167	513295	19.400	ng/ul	98
78) Di-n-butylphthalate	18.405	149	667067	21.080	ng/ul	98
80) Fluoranthene	19.492	202	634915	20.533	ng/ul	98
82) Pyrene	19.850	202	667661	20.306	ng/ul	97
83) Butylbenzylphthalate	20.738	149	279307	23.331	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.601	252	236756	23.469	ng/ul	94
85) Benzo(a)anthracene	21.689	228	665141	19.860	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	415177	23.593	ng/ul	98
87) Chrysene	21.754	228	630310	19.890	ng/ul	99
89) Di-n-octyl phthalate	22.829	149	711008	24.148	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	670451	19.979	ng/ul	98
91) Benzo(k)fluoranthene	23.981	252	698622m	20.243	ng/ul	
93) Benzo(a)pyrene	24.780	252	642006	19.872	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.617	276	792335	19.682	ng/ul	97
95) Dibenzo(a,h)anthracene	28.687	278	670861	20.040	ng/ul	95
96) Benzo(g,h,i)perylene	29.756	276	595251	18.343	ng/ul	98

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

