

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061623.D
 Acq On : 21 Jun 2024 16:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020528

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 18:01:26 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	8.079	152	57961	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	275365	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	192027	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	467062	20.000	ng/u1	0.00
79) Chrysene-d12	21.705	240	402664	20.000	ng/u1	0.00
88) Perylene-d12	24.936	264	487089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	12505	7.794	ng/uL	0.00
4) Pyridine-d5	3.890	84	95047	19.593	ng/u1	0.00
7) Phenol-d5	7.216	99	119105	18.929	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	74820	19.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.598	132	82921	19.204	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	93279	19.176	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	40061	21.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	44029	23.251	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	85541	19.077	ng/u1	0.00
31) 4-Chloroaniline-d4	11.011	131	127922	18.843	ng/u1	0.00
46) Dimethylphthalate-d6	14.108	166	287389	19.448	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	330497	20.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.866	143	53500	21.081	ng/u1	0.00
60) Fluorene-d10	15.688	176	260568	20.142	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	36099	18.075	ng/u1	0.00
73) Anthracene-d10	17.545	188	421493	19.770	ng/u1	0.00
81) Pyrene-d10	19.824	212	462844	20.578	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.707	264	478793	20.581	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.508	88	12775	6.407	ng/uL#	71
5) Pyridine	3.908	79	101410	19.446	ng/u1	100
6) Benzaldehyde	7.210	77	70153	22.657	ng/u1	96
8) Phenol	7.239	94	123932	18.717	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.492	93	92874	18.635	ng/u1#	93
12) 2-Chlorophenol	7.633	128	84022	19.396	ng/u1	91
13) 2-Methylphenol	8.502	108	87234	18.830	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.602	45	198977	19.542	ng/u1	97
16) Acetophenone	8.902	105	151858	18.959	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.884	70	78161	18.166	ng/u1	95
18) 4-Methylphenol	8.831	108	93114	17.941	ng/u1	96
19) Hexachloroethane	9.166	117	36501	21.014	ng/u1#	85
22) Nitrobenzene	9.278	77	114163	21.195	ng/u1	99
23) Isophorone	9.807	82	224784	18.146	ng/u1	99
25) 2-Nitrophenol	9.995	139	45019	22.735	ng/u1#	78
26) 2,4-Dimethylphenol	10.042	107	107530	19.416	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.289	93	129212	18.440	ng/u1	96
29) 2,4-Dichlorophenol	10.524	162	82338	20.042	ng/u1	99
30) Naphthalene	10.941	128	296436	19.240	ng/u1	100
32) 4-Chloroaniline	11.041	127	127759	18.975	ng/u1	95
33) Hexachlorobutadiene	11.217	225	60403	21.285	ng/u1	88
34) Caprolactam	11.787	113	32159m	18.931	ng/u1	
35) 4-Chloro-3-methylphenol	12.139	107	109807	19.114	ng/u1	94
36) 2-Methylnaphthalene	12.539	142	209813	19.299	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	214969	18.532	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.897	216	112400	20.682	ng/ul	99
40) Hexachlorocyclopentadiene	12.880	237	65011	20.105	ng/ul	95
41) 2,4,6-Trichlorophenol	13.132	196	73065	20.838	ng/ul	90
42) 2,4,5-Trichlorophenol	13.197	196	82514	21.591	ng/ul	91
43) 1,1'-Biphenyl	13.538	154	283976	20.415	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	223152	20.885	ng/ul	97
45) 2-Nitroaniline	13.779	65	82240	22.484	ng/ul	94
47) Dimethylphthalate	14.155	163	277012	18.878	ng/ul	97
48) 2,6-Dinitrotoluene	14.272	165	53805	22.096	ng/ul	92
50) Acenaphthylene	14.425	152	358260	19.818	ng/ul	96
51) 3-Nitroaniline	14.595	138	55760	22.361	ng/ul	89
52) Acenaphthene	14.766	153	246053	19.654	ng/ul	95
53) 2,4-Dinitrophenol	14.801	184	20704	16.732	ng/ul#	77
55) 4-Nitrophenol	14.877	109	53452	20.395	ng/ul	89
56) Dibenzofuran	15.101	168	345034	19.695	ng/ul	97
57) 2,4-Dinitrotoluene	15.054	165	77855	21.540	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.312	232	76671	20.460	ng/ul	91
59) Diethylphthalate	15.518	149	293452	19.417	ng/ul	95
61) Fluorene	15.747	166	290465	20.034	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.741	204	143890	19.992	ng/ul	97
63) 4-Nitroaniline	15.753	138	56525	21.397	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.806	198	40517	17.910	ng/ul#	85
67) N-Nitrosodiphenylamine	15.953	169	242641	20.089	ng/ul	96
68) 4-Bromophenyl-phenylether	16.634	248	98298	20.440	ng/ul	94
69) Hexachlorobenzene	16.740	284	118048	20.228	ng/ul	99
70) Atrazine	16.898	200	91699	19.007	ng/ul	98
71) Pentachlorophenol	17.081	266	71262	20.046	ng/ul#	86
72) Phenanthrene	17.486	178	475016	19.332	ng/ul	99
74) Anthracene	17.574	178	485137	19.307	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.497	216	114799	22.061	ng/uL	95
76) Pentachlorobenzene	15.012	250	128222	20.519	ng/uL	95
77) Carbazole	17.844	167	432461	20.270	ng/ul	98
78) Di-n-butylphthalate	18.408	149	503431	19.729	ng/ul	97
80) Fluoranthene	19.490	202	544415	20.861	ng/ul	99
82) Pyrene	19.848	202	565048	20.363	ng/ul	99
83) Butylbenzylphthalate	20.747	149	228695	22.635	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.605	252	200304	23.526	ng/ul	98
85) Benzo(a)anthracene	21.687	228	581552	20.575	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.616	149	326753	22.002	ng/ul#	98
87) Chrysene	21.752	228	539034	20.155	ng/ul	98
89) Di-n-octyl phthalate	22.844	149	565489	22.011	ng/ul	100
90) Benzo(b)fluoranthene	23.908	252	583861	19.940	ng/ul	99
91) Benzo(k)fluoranthene	23.978	252	603601	20.045	ng/ul	99
93) Benzo(a)pyrene	24.777	252	557185	19.766	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.602	276	708795	20.178	ng/ul	97
95) Dibenzo(a,h)anthracene	28.679	278	589596	20.185	ng/ul	99
96) Benzo(g,h,i)perylene	29.742	276	575743	20.333	ng/ul	99

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

