

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
 Data File : BG062405.D
 Acq On : 14 Aug 2024 22:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020455

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:02:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 14 15:31:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	41726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.748	136	210228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.573	164	173541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	429113	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	429713	20.000	ng/u1	0.00
88) Perylene-d12	24.647	264	488524	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	8480	7.716	ng/uL	0.00
4) Pyridine-d5	3.822	84	67090	20.033	ng/u1	0.00
7) Phenol-d5	7.112	99	82044	19.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	52625	20.126	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	59778	21.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	72053	20.708	ng/u1	0.00
21) Nitrobenzene-d5	9.109	128	31310	23.224	ng/u1	0.00
24) 2-Nitrophenol-d4	9.826	143	34563	25.771	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	73914	21.638	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	110573	20.411	ng/u1	0.00
46) Dimethylphthalate-d6	13.979	166	280626	20.789	ng/u1	0.00
49) Acenaphthylene-d8	14.267	160	301616	20.180	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	49333	22.909	ng/u1	0.00
60) Fluorene-d10	15.565	176	253489	20.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	43906	22.519	ng/u1	0.00
73) Anthracene-d10	17.416	188	418068	20.281	ng/u1	0.00
81) Pyrene-d10	19.695	212	521517	20.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.436	264	521713	20.123	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	9100	7.757	ng/uL	92
5) Pyridine	3.846	79	69596	19.751	ng/u1	94
6) Benzaldehyde	7.094	77	54499m	25.327	ng/u1	
8) Phenol	7.141	94	87316	20.047	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.376	93	65458	20.310	ng/u1	99
12) 2-Chlorophenol	7.517	128	62104	21.174	ng/u1	98
13) 2-Methylphenol	8.393	108	66149	20.182	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.475	45	135143	20.315	ng/u1	97
16) Acetophenone	8.769	105	120871	21.207	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	65187	21.673	ng/u1	99
18) 4-Methylphenol	8.716	108	76974	20.503	ng/u1	99
19) Hexachloroethane	9.039	117	24212	20.747	ng/u1	91
22) Nitrobenzene	9.150	77	85722	22.510	ng/u1	99
23) Isophorone	9.673	82	187536	20.852	ng/u1	99
25) 2-Nitrophenol	9.861	139	38666	25.806	ng/u1	97
26) 2,4-Dimethylphenol	9.920	107	86538	21.179	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.155	93	104143	20.818	ng/u1	98
29) 2,4-Dichlorophenol	10.396	162	74395	21.208	ng/u1	99
30) Naphthalene	10.801	128	247282	20.281	ng/u1	100
32) 4-Chloroaniline	10.901	127	106968	20.311	ng/u1	96
33) Hexachlorobutadiene	11.089	225	53688	20.134	ng/u1	99
34) Caprolactam	11.647	113	30691m	21.692	ng/u1	
35) 4-Chloro-3-methylphenol	12.017	107	91391	22.265	ng/u1	98
36) 2-Methylnaphthalene	12.405	142	181376	21.064	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	181198	20.625	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	113755	19.629	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	60635	20.413	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	73906	22.170	ng/ul	94
42) 2,4,5-Trichlorophenol	13.075	196	79884	22.824	ng/ul	96
43) 1,1'-Biphenyl	13.409	154	261055	19.856	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	202743	19.928	ng/ul	99
45) 2-Nitroaniline	13.644	65	65458	24.841	ng/ul	99
47) Dimethylphthalate	14.026	163	281938	20.601	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	50243	25.705	ng/ul	92
50) Acenaphthylene	14.296	152	324043	20.249	ng/ul	98
51) 3-Nitroaniline	14.467	138	52892	23.750	ng/ul	99
52) Acenaphthene	14.637	153	240485	20.080	ng/ul	98
53) 2,4-Dinitrophenol	14.672	184	27508	22.311	ng/ul	89
55) 4-Nitrophenol	14.772	109	41273	22.329	ng/ul	97
56) Dibenzofuran	14.972	168	344478	20.447	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	78047	26.231	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.195	232	76837	22.834	ng/ul	99
59) Diethylphthalate	15.395	149	285348	20.892	ng/ul	99
61) Fluorene	15.624	166	273948	20.631	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.618	204	141324	20.711	ng/ul	96
63) 4-Nitroaniline	15.630	138	57599	24.744	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.689	198	49267	22.426	ng/ul	99
67) N-Nitrosodiphenylamine	15.830	169	249347	20.045	ng/ul	99
68) 4-Bromophenyl-phenylether	16.511	248	99226	20.604	ng/ul	94
69) Hexachlorobenzene	16.623	284	110525	19.699	ng/ul	98
70) Atrazine	16.775	200	105886	20.414	ng/ul	98
71) Pentachlorophenol	16.963	266	66901	20.433	ng/ul	97
72) Phenanthrene	17.357	178	476515	19.762	ng/ul	99
74) Anthracene	17.451	178	493685	19.987	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	116562	19.002	ng/ul	100
76) Pentachlorobenzene	14.896	250	125796	19.549	ng/ul	95
77) Carbazole	17.715	167	425471	20.506	ng/ul	99
78) Di-n-butylphthalate	18.285	149	510611	20.572	ng/ul	99
80) Fluoranthene	19.366	202	587120	20.883	ng/ul	99
82) Pyrene	19.724	202	635562	20.974	ng/ul	99
83) Butylbenzylphthalate	20.623	149	223287	21.876	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	207737	22.149	ng/ul	95
85) Benzo(a)anthracene	21.540	228	641006	20.552	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	331603	22.236	ng/ul#	99
87) Chrysene	21.604	228	594382	20.101	ng/ul	99
89) Di-n-octyl phthalate	22.638	149	544916	20.915	ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	599992	20.331	ng/ul	98
91) Benzo(k)fluoranthene	23.737	252	600200	20.149	ng/ul	99
93) Benzo(a)pyrene	24.506	252	560443	20.144	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.131	276	713491	20.177	ng/ul	99
95) Dibenzo(a,h)anthracene	28.195	278	584367	20.388	ng/ul	98
96) Benzo(g,h,i)perylene	29.217	276	547673	20.138	ng/ul	98

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

