

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062181.D
 Acq On : 23 Jul 2024 11:50
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020584

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 13:18:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 19 14:38:52 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	35275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.877	136	151624	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	128530	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	355772	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	355358	20.000	ng/u1	0.00
88) Perylene-d12	24.935	264	377605	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6634	8.781	ng/uL	0.00
4) Pyridine-d5	3.875	84	61641	22.454	ng/u1	0.00
7) Phenol-d5	7.235	99	68534	19.735	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	39105	19.598	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	43729	19.981	ng/u1	0.00
15) 4-Methylphenol-d8	8.780	113	52080	19.691	ng/u1	0.00
21) Nitrobenzene-d5	9.232	128	24113	19.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	27196	18.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.507	165	63230	20.774	ng/u1	0.00
31) 4-Chloroaniline-d4	11.018	131	71863	19.627	ng/u1	0.00
46) Dimethylphthalate-d6	14.096	166	206917	18.993	ng/u1	0.00
49) Acenaphthylene-d8	14.390	160	228943	20.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.919	143	23527	17.921	ng/u1	0.00
60) Fluorene-d10	15.682	176	188591	20.332	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	40302	17.825	ng/u1	0.00
73) Anthracene-d10	17.539	188	338916	20.393	ng/u1	0.00
81) Pyrene-d10	19.818	212	411525	20.425	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.711	264	381111	20.190	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.487	88	8122m	8.200	ng/uL	
5) Pyridine	3.898	79	63502	22.606	ng/u1#	78
6) Benzaldehyde	7.200	77	43957	24.109	ng/u1	87
8) Phenol	7.264	94	68653	20.037	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.482	93	47215	20.006	ng/u1	87
12) 2-Chlorophenol	7.635	128	45049	20.274	ng/u1	94
13) 2-Methylphenol	8.516	108	51362	20.006	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.580	45	81175	19.436	ng/u1	98
16) Acetophenone	8.886	105	86569	18.748	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.862	70	49001	18.546	ng/u1	89
18) 4-Methylphenol	8.851	108	54488	19.247	ng/u1	86
19) Hexachloroethane	9.150	117	18415	18.513	ng/u1	89
22) Nitrobenzene	9.274	77	72320	18.513	ng/u1	98
23) Isophorone	9.790	82	144658	18.254	ng/u1	97
25) 2-Nitrophenol	9.984	139	30791	20.025	ng/u1#	81
26) 2,4-Dimethylphenol	10.049	107	71606	19.406	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.278	93	66181	17.946	ng/u1	95
29) 2,4-Dichlorophenol	10.531	162	59085	20.434	ng/u1	90
30) Naphthalene	10.930	128	164195	20.074	ng/u1	98
32) 4-Chloroaniline	11.042	127	69416	20.169	ng/u1#	87
33) Hexachlorobutadiene	11.200	225	56004	20.383	ng/u1	93
34) Caprolactam	11.794	113	18547	18.785	ng/u1	85
35) 4-Chloro-3-methylphenol	12.170	107	67958	19.600	ng/u1	94
36) 2-Methylnaphthalene	12.528	142	120447	19.506	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	126078	19.802	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.892	216	109371	21.102	ng/ul#	97
40) Hexachlorocyclopentadiene	12.857	237	53931	21.217	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.139	196	62609	21.535	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.215	196	66767	21.098	ng/ul	95
43) 1,1'-Biphenyl	13.527	154	183121	20.128	ng/ul	98
44) 2-Chloronaphthalene	13.574	162	150089	20.064	ng/ul	97
45) 2-Nitroaniline	13.785	65	56138	20.364	ng/ul	97
47) Dimethylphthalate	14.143	163	195684	18.864	ng/ul#	97
48) 2,6-Dinitrotoluene	14.273	165	41741	19.649	ng/ul#	92
50) Acenaphthylene	14.419	152	245134	20.355	ng/ul	99
51) 3-Nitroaniline	14.607	138	38806	22.613	ng/ul#	96
52) Acenaphthene	14.760	153	163783	20.489	ng/ul	98
53) 2,4-Dinitrophenol	14.813	184	21690m	19.072	ng/ul	
55) 4-Nitrophenol	14.931	109	34604	17.221	ng/ul#	86
56) Dibenzofuran	15.095	168	246465	20.475	ng/ul	98
57) 2,4-Dinitrotoluene	15.060	165	63608	19.513	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.324	232	56403	20.257	ng/ul	97
59) Diethylphthalate	15.495	149	195611	19.072	ng/ul	96
61) Fluorene	15.741	166	209856	20.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.724	204	129257	20.222	ng/ul	96
63) 4-Nitroaniline	15.771	138	38684	21.065	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.823	198	35466	16.708	ng/ul	97
67) N-Nitrosodiphenylamine	15.947	169	172460	19.817	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	86005	20.759	ng/ul	98
69) Hexachlorobenzene	16.740	284	89046	20.254	ng/ul	98
70) Atrazine	16.887	200	87779	20.016	ng/ul	95
71) Pentachlorophenol	17.092	266	34289	21.150	ng/ul	96
72) Phenanthrene	17.480	178	345036	20.154	ng/ul	97
74) Anthracene	17.574	178	359258	20.383	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.497	216	109244	21.438	ng/ul	92
76) Pentachlorobenzene	15.007	250	104604	20.741	ng/ul	94
77) Carbazole	17.844	167	300294	20.039	ng/ul	99
78) Di-n-butylphthalate	18.385	149	336986	19.615	ng/ul	98
80) Fluoranthene	19.489	202	474486	20.529	ng/ul	99
82) Pyrene	19.847	202	484067	20.142	ng/ul	99
83) Butylbenzylphthalate	20.717	149	146915	20.601	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.598	252	170162	22.063	ng/ul#	98
85) Benzo(a)anthracene	21.680	228	502245	20.136	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	207695	20.316	ng/ul	94
87) Chrysene	21.751	228	459181	20.024	ng/ul	99
89) Di-n-octyl phthalate	22.779	149	349471	20.118	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	461091	19.764	ng/ul	98
91) Benzo(k)fluoranthene	23.971	252	466906	20.050	ng/ul	99
93) Benzo(a)pyrene	24.788	252	434570	19.890	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.630	276	515366	20.531	ng/ul	94
95) Dibenzo(a,h)anthracene	28.688	278	436095	20.951	ng/ul	99
96) Benzo(g,h,i)perylene	29.775	276	404952	20.151	ng/ul	98

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

