

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061816.D
 Acq On : 1 Jul 2024 17:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020548

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 00:20:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 27 12:23:53 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	85691	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	404873	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	264116	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	571362	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	453301	20.000	ng/u1	0.00
88) Perylene-d12	24.903	264	531078	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	17289	7.288	ng/uL	0.00
4) Pyridine-d5	3.875	84	129551	18.064	ng/u1	0.00
7) Phenol-d5	7.207	99	175478	18.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	105870	18.256	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	123203	19.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	129598	18.021	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	62653	22.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	71751	25.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	136814	20.752	ng/u1	0.00
31) 4-Chloroaniline-d4	11.002	131	183357	18.370	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	387227	19.052	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	441370	19.815	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	64660	18.524	ng/u1	0.01
60) Fluorene-d10	15.673	176	348542	19.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	48931	20.028	ng/u1	0.00
73) Anthracene-d10	17.524	188	518911	19.897	ng/u1	0.00
81) Pyrene-d10	19.809	212	540050	21.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	510638	20.132	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.499	88	21143	7.172	ng/uL	87
5) Pyridine	3.899	79	134485	17.444	ng/u1	96
6) Benzaldehyde	7.195	77	106043	23.165	ng/u1	99
8) Phenol	7.230	94	181871	18.579	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.471	93	136943	18.586	ng/u1	97
12) 2-Chlorophenol	7.618	128	126766	19.793	ng/u1	96
13) 2-Methylphenol	8.493	108	129492	18.906	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.576	45	282708	18.781	ng/u1	98
16) Acetophenone	8.881	105	209522	17.694	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.863	70	109672	17.241	ng/u1#	93
18) 4-Methylphenol	8.816	108	138263	18.019	ng/u1	94
19) Hexachloroethane	9.140	117	50330	19.599	ng/u1	98
22) Nitrobenzene	9.263	77	175006	22.098	ng/u1	91
23) Isophorone	9.786	82	322248	17.693	ng/u1	98
25) 2-Nitrophenol	9.974	139	73427	25.220	ng/u1#	78
26) 2,4-Dimethylphenol	10.027	107	161461	19.829	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.268	93	192150	18.650	ng/u1	98
29) 2,4-Dichlorophenol	10.509	162	121397	20.097	ng/u1	93
30) Naphthalene	10.920	128	435669	19.231	ng/u1	99
32) 4-Chloroaniline	11.026	127	173334	17.509	ng/u1	95
33) Hexachlorobutadiene	11.196	225	93416	22.389	ng/u1	94
34) Caprolactam	11.778	113	41691m	16.692	ng/u1	
35) 4-Chloro-3-methylphenol	12.136	107	152344	18.036	ng/u1	94
36) 2-Methylnaphthalene	12.518	142	298796	18.692	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.735	142	310298	18.193	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.876	216	166037	22.213	ng/ul	96
40) Hexachlorocyclopentadiene	12.859	237	70647	15.885	ng/ul	88
41) 2,4,6-Trichlorophenol	13.117	196	103760	21.515	ng/ul	91
42) 2,4,5-Trichlorophenol	13.188	196	110687m	21.057	ng/ul	
43) 1,1'-Biphenyl	13.523	154	396700	20.735	ng/ul	99
44) 2-Chloronaphthalene	13.564	162	302537	20.586	ng/ul	97
45) 2-Nitroaniline	13.764	65	121627	24.176	ng/ul	96
47) Dimethylphthalate	14.134	163	366059	18.137	ng/ul#	97
48) 2,6-Dinitrotoluene	14.257	165	78756	23.515	ng/ul	99
50) Acenaphthylene	14.410	152	475882	19.139	ng/ul	95
51) 3-Nitroaniline	14.586	138	81594	23.790	ng/ul#	97
52) Acenaphthene	14.751	153	330187	19.176	ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	32483	19.086	ng/ul	90
55) 4-Nitrophenol	14.886	109	67750	18.795	ng/ul	99
56) Dibenzofuran	15.086	168	464050	19.258	ng/ul	93
57) 2,4-Dinitrotoluene	15.044	165	112287	22.587	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.303	232	99479	19.301	ng/ul	98
59) Diethylphthalate	15.497	149	380725	18.316	ng/ul	98
61) Fluorene	15.732	166	374576	18.784	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.720	204	191300	19.324	ng/ul	97
63) 4-Nitroaniline	15.744	138	80177	22.066	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.797	198	54866	19.826	ng/ul#	99
67) N-Nitrosodiphenylamine	15.938	169	316696	21.434	ng/ul	95
68) 4-Bromophenyl-phenylether	16.619	248	129679	22.043	ng/ul	92
69) Hexachlorobenzene	16.725	284	152482	21.358	ng/ul	97
70) Atrazine	16.878	200	124395	21.078	ng/ul	97
71) Pentachlorophenol	17.071	266	78037m	17.944	ng/ul	
72) Phenanthrene	17.471	178	597683	19.884	ng/ul	98
74) Anthracene	17.565	178	599433	19.501	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	164306	25.811	ng/ul	95
76) Pentachlorobenzene	14.997	250	174395	22.813	ng/ul	96
77) Carbazole	17.829	167	513418	19.672	ng/ul	98
78) Di-n-butylphthalate	18.388	149	652433	20.901	ng/ul	97
80) Fluoranthene	19.475	202	643667	21.909	ng/ul	98
82) Pyrene	19.839	202	665828	21.314	ng/ul#	94
83) Butylbenzylphthalate	20.720	149	269829	23.723	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.584	252	200364	20.904	ng/ul	97
85) Benzo(a)anthracene	21.672	228	646945	20.332	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.578	149	397687	23.787	ng/ul	99
87) Chrysene	21.737	228	585325	19.441	ng/ul	99
89) Di-n-octyl phthalate	22.794	149	664854	23.736	ng/ul	100
90) Benzo(b)fluoranthene	23.881	252	626994	19.640	ng/ul	97
91) Benzo(k)fluoranthene	23.952	252	648554	19.753	ng/ul	97
93) Benzo(a)pyrene	24.751	252	604045	19.653	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.564	276	774338	20.218	ng/ul	98
95) Dibenzo(a,h)anthracene	28.640	278	635041	19.940	ng/ul	98
96) Benzo(g,h,i)perylene	29.704	276	624427m	20.226	ng/ul	

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

