

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058019.D
 Acq On : 5 Jul 2023 16:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020494

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :mohammad ahmed 07/06/2023

Quant Time: Jul 06 01:19:26 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 05 17:32:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	40127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.725	136	175411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	119746	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.306	188	290405	20.000	ng/u1	0.00
79) Chrysene-d12	21.560	240	266361	20.000	ng/u1	0.00
88) Perylene-d12	24.721	264	335114	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	9756	8.514	ng/uL	0.00
4) Pyridine-d5	3.775	84	70497	20.264	ng/u1	0.00
7) Phenol-d5	7.088	99	81985	20.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.247	67	50408	20.412	ng/u1	0.00
11) 2-Chlorophenol-d4	7.459	132	57150	20.220	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	62366	20.169	ng/u1	0.00
21) Nitrobenzene-d5	9.086	128	30504	21.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.809	143	32911	21.903	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.349	165	62549	21.700	ng/u1	0.00
31) 4-Chloroaniline-d4	10.860	131	91585	20.957	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	198466	21.006	ng/u1	0.00
49) Acenaphthylene-d8	14.256	160	221241	21.459	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	32410	19.416	ng/u1	0.00
60) Fluorene-d10	15.549	176	170090	21.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	32024	20.308	ng/u1	0.00
73) Anthracene-d10	17.406	188	282569	20.969	ng/u1	0.00
81) Pyrene-d10	19.691	212	331964	19.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.497	264	349260	20.457	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	10911	7.707	ng/uL	98
5) Pyridine	3.792	79	73876	20.725	ng/u1	96
6) Benzaldehyde	7.059	77	19798	14.466	ng/u1	94
8) Phenol	7.118	94	84472	20.313	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.341	93	65301	20.337	ng/u1	96
12) 2-Chlorophenol	7.488	128	59687	20.294	ng/u1	97
13) 2-Methylphenol	8.369	108	65643	20.099	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.446	45	104096m	21.061	ng/u1	
16) Acetophenone	8.745	105	106432	20.746	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.722	70	55437	20.214	ng/u1	95
18) 4-Methylphenol	8.698	108	72106	20.418	ng/u1	96
19) Hexachloroethane	9.004	117	23298	20.663	ng/u1	98
22) Nitrobenzene	9.127	77	78017	21.021	ng/u1	95
23) Isophorone	9.644	82	164440	20.764	ng/u1	98
25) 2-Nitrophenol	9.838	139	35429	21.974	ng/u1	95
26) 2,4-Dimethylphenol	9.903	107	77412	21.352	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.126	93	92681	20.768	ng/u1	99
29) 2,4-Dichlorophenol	10.379	162	58552	20.892	ng/u1	89
30) Naphthalene	10.778	128	207572	21.057	ng/u1	98
32) 4-Chloroaniline	10.884	127	91953	20.578	ng/u1	100
33) Hexachlorobutadiene	11.054	225	42788	21.565	ng/u1	98
34) Caprolactam	11.648	113	23171m	20.564	ng/u1	
35) 4-Chloro-3-methylphenol	12.018	107	72411	21.034	ng/u1	96
36) 2-Methylnaphthalene	12.388	142	137017	20.619	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.605	142	140023	21.013	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.752	216	80587	22.084	ng/ul	98
40) Hexachlorocyclopentadiene	12.729	237	44822	19.500	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.993	196	54980	22.230	ng/ul	93
42) 2,4,5-Trichlorophenol	13.070	196	59631	22.294	ng/ul	97
43) 1,1'-Biphenyl	13.393	154	186684	21.633	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	149780	21.627	ng/ul	98
45) 2-Nitroaniline	13.640	65	50873	21.127	ng/ul	94
47) Dimethylphthalate	14.010	163	201123	21.188	ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	41152	21.121	ng/ul	94
50) Acenaphthylene	14.286	152	235878	21.186	ng/ul	97
51) 3-Nitroaniline	14.462	138	31302	19.010	ng/ul	93
52) Acenaphthene	14.621	153	163432	21.392	ng/ul	96
53) 2,4-Dinitrophenol	14.674	184	19704	19.398	ng/ul#	87
55) 4-Nitrophenol	14.779	109	23784	19.234	ng/ul	92
56) Dibenzofuran	14.956	168	233844	21.532	ng/ul	99
57) 2,4-Dinitrotoluene	14.920	165	59815	21.668	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.185	232	52851	21.705	ng/ul#	98
59) Diethylphthalate	15.373	149	208464	21.042	ng/ul	98
61) Fluorene	15.608	166	190841	21.417	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.596	204	100352	21.284	ng/ul	99
63) 4-Nitroaniline	15.625	138	25970	17.606	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.690	198	34776	21.565	ng/ul	99
67) N-Nitrosodiphenylamine	15.813	169	163461	21.150	ng/ul	96
68) 4-Bromophenyl-phenylether	16.495	248	69522	21.809	ng/ul	97
69) Hexachlorobenzene	16.607	284	77228	21.639	ng/ul	99
70) Atrazine	16.759	200	68000	21.516	ng/ul	92
71) Pentachlorophenol	16.953	266	42911	20.027	ng/ul	98
72) Phenanthrene	17.347	178	312254	21.138	ng/ul	99
74) Anthracene	17.441	178	315012	21.073	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	83196	21.601	ng/uL	100
76) Pentachlorobenzene	14.879	250	90491	21.999	ng/uL	97
77) Carbazole	17.711	167	291742	21.579	ng/ul	100
78) Di-n-butylphthalate	18.264	149	376333	21.852	ng/ul	100
80) Fluoranthene	19.356	202	386319	19.874	ng/ul	99
82) Pyrene	19.721	202	388966	19.879	ng/ul	99
83) Butylbenzylphthalate	20.602	149	171456	21.609	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.460	252	128616	19.945	ng/ul	99
85) Benzo(a)anthracene	21.542	228	400210	20.926	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.442	149	249611	21.953	ng/ul	99
87) Chrysene	21.607	228	377767	21.071	ng/ul	100
89) Di-n-octyl phthalate	22.629	149	437113	21.229	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	416625	20.079	ng/ul	100
91) Benzo(k)fluoranthene	23.781	252	418739	20.589	ng/ul	99
93) Benzo(a)pyrene	24.574	252	376144	20.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.322	276	498802	20.453	ng/ul	98
95) Dibenzo(a,h)anthracene	28.375	278	413873	20.580	ng/ul	98
96) Benzo(g,h,i)perylene	29.445	276	407533	20.459	ng/ul	98

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

