

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
 Data File : BG060612.D
 Acq On : 12 Mar 2024 8:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020489

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 10:34:01 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 08 15:23:41 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	106479	20.000	ng/u1	0.00
20) Naphthalene-d8	11.172	136	508473	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.950	164	335469	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.700	188	706788	20.000	ng/u1	0.00
79) Chrysene-d12	22.024	240	638317	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	715989	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	19602	6.950	ng/uL	0.00
4) Pyridine-d5	4.051	84	133915	15.174	ng/u1	0.00
7) Phenol-d5	7.430	99	198830	18.121	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	129528	18.210	ng/u1	0.00
11) 2-Chlorophenol-d4	7.835	132	144944	18.894	ng/u1	0.00
15) 4-Methylphenol-d8	9.004	113	157799	18.522	ng/u1	0.00
21) Nitrobenzene-d5	9.521	128	64018	19.745	ng/u1	0.00
24) 2-Nitrophenol-d4	10.238	143	57625	18.029	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.761	165	154323	18.755	ng/u1	0.00
31) 4-Chloroaniline-d4	11.307	131	236213	18.468	ng/u1	0.00
46) Dimethylphthalate-d6	14.345	166	496124	18.654	ng/u1	0.00
49) Acenaphthylene-d8	14.650	160	584636	18.774	ng/u1	0.00
54) 4-Nitrophenol-d4	15.115	143	73074	18.230	ng/u1	0.00
60) Fluorene-d10	15.937	176	434894	18.608	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	45084	15.715	ng/u1	0.00
73) Anthracene-d10	17.800	188	668535	19.247	ng/u1	0.00
81) Pyrene-d10	20.068	212	731303	19.016	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.332	264	698235	18.847	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.652	88	20234	6.765	ng/uL	87
5) Pyridine	4.069	79	137600	15.372	ng/u1	97
6) Benzaldehyde	7.465	77	118036	22.700	ng/u1	94
8) Phenol	7.459	94	201072	18.111	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.741	93	166111	18.839	ng/u1	94
12) 2-Chlorophenol	7.870	128	153849	19.155	ng/u1	95
13) 2-Methylphenol	8.740	108	160833	18.594	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.834	45	330101	18.512	ng/u1#	96
16) Acetophenone	9.169	105	274375	18.874	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.133	70	140830	19.755	ng/u1	98
18) 4-Methylphenol	9.069	108	173879	18.460	ng/u1	93
19) Hexachloroethane	9.410	117	62026	19.712	ng/u1	86
22) Nitrobenzene	9.562	77	180110	19.884	ng/u1	98
23) Isophorone	10.073	82	415499	19.308	ng/u1	99
25) 2-Nitrophenol	10.273	139	70650	19.195	ng/u1	94
26) 2,4-Dimethylphenol	10.291	107	181117	18.120	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.561	93	235602	18.827	ng/u1	99
29) 2,4-Dichlorophenol	10.790	162	157811	19.200	ng/u1	98
30) Naphthalene	11.219	128	568807	18.921	ng/u1	98
32) 4-Chloroaniline	11.337	127	236249	18.925	ng/u1	96
33) Hexachlorobutadiene	11.454	225	112812	18.551	ng/u1	95
34) Caprolactam	12.112	113	50052	17.786	ng/u1	91
35) 4-Chloro-3-methylphenol	12.400	107	190893	19.355	ng/u1	99
36) 2-Methylnaphthalene	12.800	142	375616	19.018	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.017	142	366275	18.514	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.140	216	209707	18.992	ng/ul	97
40) Hexachlorocyclopentadiene	13.099	237	127572	18.971	ng/ul	93
41) 2,4,6-Trichlorophenol	13.381	196	126663	18.424	ng/ul	97
42) 2,4,5-Trichlorophenol	13.446	196	136820	18.657	ng/ul	97
43) 1,1'-Biphenyl	13.793	154	509338	18.910	ng/ul	98
44) 2-Chloronaphthalene	13.840	162	400548	18.738	ng/ul	97
45) 2-Nitroaniline	14.051	65	113673	19.467	ng/ul	97
47) Dimethylphthalate	14.392	163	514294	18.999	ng/ul	99
48) 2,6-Dinitrotoluene	14.533	165	74214	19.080	ng/ul#	96
50) Acenaphthylene	14.686	152	677963	19.047	ng/ul	99
51) 3-Nitroaniline	14.868	138	85819	18.726	ng/ul	90
52) Acenaphthene	15.015	153	440704	18.653	ng/ul	99
53) 2,4-Dinitrophenol	15.062	184	32291	16.323	ng/ul	99
55) 4-Nitrophenol	15.132	109	68960	17.811	ng/ul	98
56) Dibenzofuran	15.350	168	597586	18.843	ng/ul	99
57) 2,4-Dinitrotoluene	15.309	165	106402	20.132	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.549	232	116560	18.659	ng/ul#	99
59) Diethylphthalate	15.737	149	514956	18.651	ng/ul	98
61) Fluorene	15.996	166	495270	18.851	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.978	204	249749	18.981	ng/ul	92
63) 4-Nitroaniline	16.031	138	89427m	19.590	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.055	198	51727	16.327	ng/ul#	97
67) N-Nitrosodiphenylamine	16.196	169	428937	18.996	ng/ul	96
68) 4-Bromophenyl-phenylether	16.877	248	151324	18.623	ng/ul	99
69) Hexachlorobenzene	16.965	284	184358	18.980	ng/ul	94
70) Atrazine	17.130	200	145840	19.061	ng/ul	98
71) Pentachlorophenol	17.318	266	92893	17.356	ng/ul	91
72) Phenanthrene	17.741	178	770259	18.991	ng/ul	97
74) Anthracene	17.835	178	798319	19.328	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.746	216	205117	19.428	ng/uL	98
76) Pentachlorobenzene	15.238	250	207577	19.098	ng/uL	98
77) Carbazole	18.105	167	672315	18.979	ng/ul	98
78) Di-n-butylphthalate	18.622	149	838255	19.373	ng/ul	98
80) Fluoranthene	19.733	202	873500	19.140	ng/ul	98
82) Pyrene	20.097	202	911578	19.071	ng/ul	99
83) Butylbenzylphthalate	20.961	149	335157	19.064	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	282063	19.322	ng/ul	97
85) Benzo(a)anthracene	22.001	228	895674	18.894	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	499612	19.127	ng/ul	98
87) Chrysene	22.071	228	845406	18.732	ng/ul	99
89) Di-n-octyl phthalate	23.182	149	827922	18.598	ng/ul	100
90) Benzo(b)fluoranthene	24.427	252	831623	19.108	ng/ul	97
91) Benzo(k)fluoranthene	24.510	252	860583	18.942	ng/ul	98
93) Benzo(a)pyrene	25.408	252	802250	19.004	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.709	276	989531m	18.978	ng/ul	
95) Dibenzo(a,h)anthracene	29.797	278	826680	19.403	ng/ul	99
96) Benzo(g,h,i)perylene	31.014	276	794478	18.978	ng/ul	97

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

