

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058952.D
 Acq On : 9 Sep 2023 16:17
 Operator : MA/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020550

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023

Quant Time: Sep 10 02:31:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Sep 09 00:11:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	98074	20.000	ng/u1	0.00
20) Naphthalene-d8	11.175	136	419174	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.953	164	270062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.703	188	658183	20.000	ng/u1	0.00
79) Chrysene-d12	22.027	240	654607	20.000	ng/u1	0.00
88) Perylene-d12	25.600	264	727428	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	18549	9.072	ng/uL	0.00
4) Pyridine-d5	4.072	84	141897	20.211	ng/u1	0.00
7) Phenol-d5	7.439	99	193658	19.909	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	108435	19.705	ng/u1	0.00
11) 2-Chlorophenol-d4	7.844	132	118159	20.364	ng/u1	0.00
15) 4-Methylphenol-d8	9.007	113	144844	19.213	ng/u1	0.00
21) Nitrobenzene-d5	9.524	128	61153	24.768	ng/u1	0.00
24) 2-Nitrophenol-d4	10.247	143	71103	26.289	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.764	165	170726	21.757	ng/u1	0.00
31) 4-Chloroaniline-d4	11.311	131	205829	20.448	ng/u1	0.00
46) Dimethylphthalate-d6	14.348	166	412509	19.787	ng/u1	0.00
49) Acenaphthylene-d8	14.654	160	458693	20.356	ng/u1	0.00
54) 4-Nitrophenol-d4	15.124	143	61210	22.223	ng/u1	0.00
60) Fluorene-d10	15.940	176	388213	19.758	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	67422	22.500	ng/u1	0.00
73) Anthracene-d10	17.803	188	612216m	20.448	ng/u1	0.00
81) Pyrene-d10	20.071	212	688869	18.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.353	264	772431	21.556	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.678	88	20051	8.052	ng/uL	92
5) Pyridine	4.096	79	154175	20.861	ng/u1	98
6) Benzaldehyde	7.474	77	119759	20.887	ng/u1	93
8) Phenol	7.462	94	186925	18.427	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.744	93	146986	19.537	ng/u1	97
12) 2-Chlorophenol	7.873	128	119803	20.478	ng/u1	96
13) 2-Methylphenol	8.743	108	152907	20.131	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.831	45	172797m	19.957	ng/u1	
16) Acetophenone	9.166	105	261122	19.425	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.137	70	142543	20.274	ng/u1	96
18) 4-Methylphenol	9.078	108	165005	19.852	ng/u1	98
19) Hexachloroethane	9.419	117	48867	20.465	ng/u1	88
22) Nitrobenzene	9.566	77	201588	23.872	ng/u1	98
23) Isophorone	10.077	82	411691	19.540	ng/u1	95
25) 2-Nitrophenol	10.277	139	75344	25.825	ng/u1#	83
26) 2,4-Dimethylphenol	10.294	107	179162	19.752	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.564	93	213496	19.568	ng/u1	92
29) 2,4-Dichlorophenol	10.794	162	157526	21.179	ng/u1	90
30) Naphthalene	11.228	128	447487	19.762	ng/u1	98
32) 4-Chloroaniline	11.340	127	195403	20.467	ng/u1	95
33) Hexachlorobutadiene	11.457	225	141545	19.431	ng/u1	94
34) Caprolactam	12.121	113	54349	22.088	ng/u1	90
35) 4-Chloro-3-methylphenol	12.403	107	178558	20.432	ng/u1#	93
36) 2-Methylnaphthalene	12.803	142	343828	20.058	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	341849	19.497	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.144	216	277748	27.563	ng/ul	94
40) Hexachlorocyclopentadiene	13.097	237	184969	25.504	ng/ul	99
41) 2,4,6-Trichlorophenol	13.379	196	124515	21.264	ng/ul	94
42) 2,4,5-Trichlorophenol	13.449	196	133988	21.342	ng/ul	95
43) 1,1'-Biphenyl	13.796	154	368437	20.050	ng/ul	97
44) 2-Chloronaphthalene	13.843	162	290114	19.796	ng/ul	96
45) 2-Nitroaniline	14.054	65	92253	28.470	ng/ul	97
47) Dimethylphthalate	14.401	163	419692	19.801	ng/ul	100
48) 2,6-Dinitrotoluene	14.536	165	77089	25.625	ng/ul	93
50) Acenaphthylene	14.689	152	503778	20.034	ng/ul	97
51) 3-Nitroaniline	14.871	138	68925	22.736	ng/ul#	74
52) Acenaphthene	15.018	153	332201	20.291	ng/ul	97
53) 2,4-Dinitrophenol	15.065	184	47221	18.555	ng/ul	91
55) 4-Nitrophenol	15.136	109	73580	21.359	ng/ul	91
56) Dibenzofuran	15.353	168	483131	19.768	ng/ul	97
57) 2,4-Dinitrotoluene	15.312	165	105541	24.319	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.553	232	145216	21.892	ng/ul#	95
59) Diethylphthalate	15.747	149	368289	19.333	ng/ul	98
61) Fluorene	15.999	166	392725	18.927	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.982	204	237556	19.084	ng/ul	94
63) 4-Nitroaniline	16.034	138	64535	22.879	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.058	198	71375	22.688	ng/ul#	94
67) N-Nitrosodiphenylamine	16.199	169	334461	20.663	ng/ul	97
68) 4-Bromophenyl-phenylether	16.881	248	160947	20.138	ng/ul	93
69) Hexachlorobenzene	16.963	284	188496	20.438	ng/ul	98
70) Atrazine	17.133	200	141096	21.712	ng/ul#	93
71) Pentachlorophenol	17.321	266	119457	21.090	ng/ul	99
72) Phenanthrene	17.744	178	649766	20.335	ng/ul	98
74) Anthracene	17.838	178	668589	20.494	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.749	216	225335	23.577	ng/uL	97
76) Pentachlorobenzene	15.241	250	218626	22.697	ng/uL	95
77) Carbazole	18.109	167	523580	21.145	ng/ul	99
78) Di-n-butylphthalate	18.626	149	521421	23.424	ng/ul#	96
80) Fluoranthene	19.736	202	811958	17.598	ng/ul	100
82) Pyrene	20.100	202	835693	18.083	ng/ul	98
83) Butylbenzylphthalate	20.970	149	232322	28.992	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.922	252	311817	21.808	ng/ul	95
85) Benzo(a)anthracene	22.010	228	910651	20.433	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.857	149	324796	25.983	ng/ul	98
87) Chrysene	22.080	228	850696	20.376	ng/ul	96
89) Di-n-octyl phthalate	23.197	149	554291	24.400	ng/ul	100
90) Benzo(b)fluoranthene	24.442	252	929062	21.208	ng/ul	99
91) Benzo(k)fluoranthene	24.519	252	911154m	20.671	ng/ul	
93) Benzo(a)pyrene	25.429	252	866836	21.148	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.748	276	1113639m	21.793	ng/ul	
95) Dibenzo(a,h)anthracene	29.830	278	907167	21.831	ng/ul	97
96) Benzo(g,h,i)perylene	31.046	276	881142	21.718	ng/ul	97

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

