

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121024\
 Data File : BG063633.D
 Acq On : 10 Dec 2024 15:56
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020560

Quant Time: Dec 10 17:31:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	178257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.602	136	773041	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	542043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	1213475	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.460	240	1134558	20.000	ng/u1	#-0.01
88) Perylene-d12	24.486	264	1202231	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	34960	8.658	ng/uL	0.00
4) Pyridine-d5	3.693	84	264246	17.691	ng/u1	0.00
7) Phenol-d5	6.995	99	331648	18.896	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	229138	19.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.353	132	223896	21.656	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	262909	20.204	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	118982	21.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	126360	20.350	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.232	165	258759	19.354	ng/u1	0.00
31) 4-Chloroaniline-d4	10.737	131	326832	20.228	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	775580	19.688	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	926026	21.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	92171	18.272	ng/u1	0.00
60) Fluorene-d10	15.450	176	703687	18.121	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	108265	15.793	ng/u1	0.00
73) Anthracene-d10	17.306	188	1165419	21.033	ng/u1	0.00
81) Pyrene-d10	19.604	212	1311460	20.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.275	264	1221317	20.226	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	38683	7.195	ng/uL#	78
5) Pyridine	3.710	79	288886	18.624	ng/u1	92
6) Benzaldehyde	6.954	77	238731	21.256	ng/u1	95
8) Phenol	7.018	94	355159	18.825	ng/u1	87
10) Bis(2-Chloroethyl)ether	7.236	93	280902	21.550	ng/u1	88
12) 2-Chlorophenol	7.383	128	230675	22.048	ng/u1	95
13) 2-Methylphenol	8.264	108	265054	20.133	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	433590	24.736	ng/u1#	91
16) Acetophenone	8.634	105	452109	18.873	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.616	70	269700	19.761	ng/u1#	96
18) 4-Methylphenol	8.587	108	288909	19.985	ng/u1	97
19) Hexachloroethane	8.887	117	106135	18.984	ng/u1	97
22) Nitrobenzene	9.010	77	401093	18.273	ng/u1#	82
23) Isophorone	9.533	82	717121	18.121	ng/u1	98
25) 2-Nitrophenol	9.721	139	130721	21.128	ng/u1#	84
26) 2,4-Dimethylphenol	9.786	107	306941	18.205	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.015	93	386020	20.877	ng/u1	95
29) 2,4-Dichlorophenol	10.262	162	249366	18.607	ng/u1#	89
30) Naphthalene	10.655	128	810957	20.379	ng/u1	97
32) 4-Chloroaniline	10.767	127	300426	19.629	ng/u1	92
33) Hexachlorobutadiene	10.943	225	206084	14.903	ng/u1	93
34) Caprolactam	11.519	113	79604m	18.145	ng/u1	
35) 4-Chloro-3-methylphenol	11.901	107	292652	17.505	ng/u1	88
36) 2-Methylnaphthalene	12.265	142	578990	18.872	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.488	142	594497	19.112	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.641	216	378298	17.952	ng/ul#	97
40) Hexachlorocyclopentadiene	12.618	237	99832	11.348	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.888	196	215482	20.734	ng/ul	98
42) 2,4,5-Trichlorophenol	12.964	196	223041	19.892	ng/ul	95
43) 1,1'-Biphenyl	13.281	154	784503	21.803	ng/ul#	94
44) 2-Chloronaphthalene	13.323	162	632208	21.319	ng/ul	96
45) 2-Nitroaniline	13.534	65	216217	22.319	ng/ul#	83
47) Dimethylphthalate	13.910	163	782359	19.630	ng/ul	97
48) 2,6-Dinitrotoluene	14.034	165	144083	19.594	ng/ul	94
50) Acenaphthylene	14.175	152	979194	21.624	ng/ul	99
51) 3-Nitroaniline	14.363	138	131355	21.195	ng/ul	95
52) Acenaphthene	14.521	153	695994	21.168	ng/ul	97
53) 2,4-Dinitrophenol	14.586	184	37615m	10.362	ng/ul	
55) 4-Nitrophenol	14.692	109	102353	13.207	ng/ul#	88
56) Dibenzofuran	14.856	168	995964	19.599	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	225069	19.407	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.091	232	187384	17.869	ng/ul#	96
59) Diethylphthalate	15.279	149	751770	19.357	ng/ul	98
61) Fluorene	15.508	166	779158	18.825	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.497	204	422640	15.856	ng/ul	93
63) 4-Nitroaniline	15.532	138	132412m	19.868	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.596	198	115018	16.804	ng/ul#	96
67) N-Nitrosodiphenylamine	15.714	169	662964	23.329	ng/ul	95
68) 4-Bromophenyl-phenylether	16.395	248	273538	19.077	ng/ul	92
69) Hexachlorobenzene	16.519	284	293248	18.999	ng/ul	96
70) Atrazine	16.672	200	272702	20.529	ng/ul#	94
71) Pentachlorophenol	16.866	266	103059	18.991	ng/ul#	88
72) Phenanthrene	17.247	178	1292146	21.617	ng/ul	98
74) Anthracene	17.341	178	1316215	21.324	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.252	216	362157	21.147	ng/ul	92
76) Pentachlorobenzene	14.780	250	361920	20.228	ng/ul	96
77) Carbazole	17.612	167	1078351	21.806	ng/ul	100
78) Di-n-butylphthalate	18.176	149	1228187	23.264	ng/ul	98
80) Fluoranthene	19.269	202	1497189	21.183	ng/ul#	92
82) Pyrene	19.639	202	1614844	21.493	ng/ul#	92
83) Butylbenzylphthalate	20.532	149	461941	29.197	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.360	252	448147	23.074	ng/ul#	98
85) Benzo(a)anthracene	21.443	228	1553124	20.298	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.354	149	700060	29.430	ng/ul#	98
87) Chrysene	21.507	228	1477246	20.552	ng/ul	98
89) Di-n-octyl phthalate	22.494	149	1217359	28.974	ng/ul	100
90) Benzo(b)fluoranthene	23.528	252	1471381	19.702	ng/ul#	96
91) Benzo(k)fluoranthene	23.593	252	1515248	20.411	ng/ul#	97
93) Benzo(a)pyrene	24.345	252	1396832	19.942	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.894	276	1672615	19.795	ng/ul#	92
95) Dibenzo(a,h)anthracene	27.941	278	1314535	19.398	ng/ul#	88
96) Benzo(g,h,i)perylene	28.963	276	1295135	20.167	ng/ul#	95

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

