

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062135.D
 Acq On : 19 Jul 2024 10:37
 Operator : MA/JU
 Sample : SSTD02024
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020406

Quant Time: Jul 19 12:39:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 12:40:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	32464	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	136341	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.696	164	112069	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	311520	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	338825	20.000	ng/u1	0.00
88) Perylene-d12	24.935	264	355523	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	5651	6.911	ng/uL	0.00
4) Pyridine-d5	3.876	84	47550	15.856	ng/u1	0.00
7) Phenol-d5	7.242	99	61984	17.747	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	36952	18.725	ng/u1	0.00
11) 2-Chlorophenol-d4	7.606	132	41118	18.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	48028	18.555	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	21042	20.323	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	25910	20.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	54548	19.299	ng/u1	0.00
31) 4-Chloroaniline-d4	11.019	131	64519	19.141	ng/u1	0.00
46) Dimethylphthalate-d6	14.097	166	194482	21.009	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	194505	20.068	ng/u1	0.00
54) 4-Nitrophenol-d4	14.919	143	22070	20.094	ng/u1	0.00
60) Fluorene-d10	15.683	176	165112	20.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	37709	20.611	ng/u1	0.00
73) Anthracene-d10	17.539	188	291907	20.526	ng/u1	0.00
81) Pyrene-d10	19.819	212	387771	20.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.718	264	361323	20.260	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	7066	6.590	ng/uL	100
5) Pyridine	3.899	79	49621	16.640	ng/u1	100
6) Benzaldehyde	7.206	77	42126	23.422	ng/u1	100
8) Phenol	7.265	94	60262	17.405	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.482	93	42548	17.710	ng/u1	100
12) 2-Chlorophenol	7.629	128	41130	19.104	ng/u1	100
13) 2-Methylphenol	8.522	108	47169	18.650	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	76296	19.244	ng/u1	100
16) Acetophenone	8.892	105	85019	18.985	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.869	70	46224	18.824	ng/u1	100
18) 4-Methylphenol	8.845	108	49446	18.162	ng/u1	100
19) Hexachloroethane	9.151	117	17537	18.886	ng/u1	100
22) Nitrobenzene	9.274	77	72894	20.850	ng/u1	100
23) Isophorone	9.797	82	141222	20.280	ng/u1	100
25) 2-Nitrophenol	9.997	139	27410	20.278	ng/u1	100
26) 2,4-Dimethylphenol	10.050	107	65806	19.662	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.279	93	64800	19.952	ng/u1	100
29) 2,4-Dichlorophenol	10.531	162	53819	20.209	ng/u1	100
30) Naphthalene	10.931	128	147006	19.612	ng/u1	100
32) 4-Chloroaniline	11.042	127	60591	19.004	ng/u1	100
33) Hexachlorobutadiene	11.201	225	49486	19.940	ng/u1	100
34) Caprolactam	11.806	113	18098	20.072	ng/u1	100
35) 4-Chloro-3-methylphenol	12.170	107	60903	18.152	ng/u1	100
36) 2-Methylnaphthalene	12.529	142	102835	18.301	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.752	142	112863	19.204	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.893	216	92004	20.210	ng/ul	100
40) Hexachlorocyclopentadiene	12.863	237	36864	20.126	ng/ul	100
41) 2,4,6-Trichlorophenol	13.140	196	49498	18.501	ng/ul	100
42) 2,4,5-Trichlorophenol	13.216	196	53026	18.758	ng/ul	100
43) 1,1'-Biphenyl	13.533	154	161544	20.586	ng/ul	100
44) 2-Chloronaphthalene	13.580	162	129056	19.827	ng/ul	100
45) 2-Nitroaniline	13.786	65	48881	20.344	ng/ul	100
47) Dimethylphthalate	14.144	163	181650	20.272	ng/ul	100
48) 2,6-Dinitrotoluene	14.273	165	35918	19.648	ng/ul	100
50) Acenaphthylene	14.420	152	209868	19.908	ng/ul	100
51) 3-Nitroaniline	14.608	138	32452	21.508	ng/ul	100
52) Acenaphthene	14.761	153	139014	19.809	ng/ul	100
53) 2,4-Dinitrophenol	14.814	184	13672	21.822	ng/ul	100
55) 4-Nitrophenol	14.937	109	35018	20.891	ng/ul	100
56) Dibenzofuran	15.096	168	208080	19.835	ng/ul	100
57) 2,4-Dinitrotoluene	15.060	165	56482	20.557	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.325	232	47886	19.512	ng/ul	100
59) Diethylphthalate	15.495	149	180162	20.619	ng/ul	100
61) Fluorene	15.742	166	180503	19.775	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.730	204	111604	19.999	ng/ul	100
63) 4-Nitroaniline	15.771	138	35146	22.743	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.824	198	33790	19.175	ng/ul	100
67) N-Nitrosodiphenylamine	15.942	169	154239	20.403	ng/ul	100
68) 4-Bromophenyl-phenylether	16.623	248	71924	19.838	ng/ul	100
69) Hexachlorobenzene	16.741	284	77350	20.120	ng/ul	100
70) Atrazine	16.887	200	79847	21.302	ng/ul	100
71) Pentachlorophenol	17.093	266	16053	22.944	ng/ul	95
72) Phenanthrene	17.481	178	306131	20.669	ng/ul	100
74) Anthracene	17.575	178	308675	20.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	91578	20.744	ng/ul	100
76) Pentachlorobenzene	15.008	250	91219	20.249	ng/ul	100
77) Carbazole	17.845	167	278183	21.885	ng/ul	100
78) Di-n-butylphthalate	18.385	149	304479	21.447	ng/ul	100
80) Fluoranthene	19.484	202	437780	19.497	ng/ul	100
82) Pyrene	19.848	202	453479	19.686	ng/ul	100
83) Butylbenzylphthalate	20.718	149	138790	19.995	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.599	252	164836	22.091	ng/ul	100
85) Benzo(a)anthracene	21.681	228	477059	20.167	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	195139	20.002	ng/ul	100
87) Chrysene	21.751	228	444301	20.210	ng/ul	100
89) Di-n-octyl phthalate	22.779	149	324810	20.176	ng/ul	100
90) Benzo(b)fluoranthene	23.907	252	433495	19.875	ng/ul	100
91) Benzo(k)fluoranthene	23.972	252	433203	20.035	ng/ul	100
93) Benzo(a)pyrene	24.783	252	410696	20.319	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.624	276	473930	19.758	ng/ul	100
95) Dibenzo(a,h)anthracene	28.683	278	387232	19.571	ng/ul	100
96) Benzo(g,h,i)perylene	29.793	276	365158	19.467	ng/ul	100

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

