

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
 Data File : BG063918.D
 Acq On : 31 Dec 2024 12:33
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591

Quant Time: Jan 01 01:26:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	69588	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.586	136	286556	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	205523	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	478055	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	548512	20.000	ng/u1	0.02
88) Perylene-d12	24.481	264	571461	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	17251	9.715	ng/uL	0.00
4) Pyridine-d5	3.658	84	125450	22.395	ng/u1	0.00
7) Phenol-d5	6.978	99	130996	20.439	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.125	67	92119	20.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.331	132	85255	20.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	98010	19.697	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	60682	29.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	51339	22.385	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	99806	22.477	ng/u1	0.00
31) 4-Chloroaniline-d4	10.727	131	127729	22.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	308922	22.090	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	365059	22.899	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	41179	20.782	ng/u1	0.01
60) Fluorene-d10	15.439	176	280557	22.690	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	44858	18.073	ng/u1	0.01
73) Anthracene-d10	17.295	188	480423	23.374	ng/u1	0.00
81) Pyrene-d10	19.599	212	597939	20.949	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.275	264	607037	22.620	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	18598	8.850	ng/uL	97
5) Pyridine	3.682	79	130851	21.808	ng/u1	97
6) Benzaldehyde	6.931	77	93320	23.738	ng/u1	91
8) Phenol	7.007	94	138809	20.322	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.219	93	111532	21.342	ng/u1	97
12) 2-Chlorophenol	7.360	128	91172	21.708	ng/u1	96
13) 2-Methylphenol	8.247	108	98638	19.980	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.312	45	158178	20.388	ng/u1	96
16) Acetophenone	8.611	105	234386	27.772	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.594	70	128376	25.492	ng/u1	98
18) 4-Methylphenol	8.576	108	144362	26.719	ng/u1	88
19) Hexachloroethane	8.864	117	53911	26.123	ng/u1	92
22) Nitrobenzene	8.993	77	196461	28.754	ng/u1	96
23) Isophorone	9.510	82	274180	21.239	ng/u1	98
25) 2-Nitrophenol	9.704	139	54427	23.091	ng/u1	91
26) 2,4-Dimethylphenol	9.769	107	114030	21.320	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.992	93	157531	22.561	ng/u1#	96
29) 2,4-Dichlorophenol	10.245	162	101948	23.106	ng/u1	96
30) Naphthalene	10.633	128	316326	22.079	ng/u1	97
32) 4-Chloroaniline	10.750	127	123207	22.968	ng/u1	94
33) Hexachlorobutadiene	10.920	225	75823	21.153	ng/u1	98
34) Caprolactam	11.502	113	37214m	24.400	ng/u1	
35) 4-Chloro-3-methylphenol	11.896	107	105945	20.453	ng/u1	98
36) 2-Methylnaphthalene	12.254	142	226578	22.005	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.472	142	234561	22.364	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.624	216	140110	21.295	ng/ul	97
40) Hexachlorocyclopentadiene	12.601	237	48835	18.776	ng/ul	98
41) 2,4,6-Trichlorophenol	12.877	196	81935	22.034	ng/ul	95
42) 2,4,5-Trichlorophenol	12.953	196	84395	21.747	ng/ul	97
43) 1,1'-Biphenyl	13.271	154	307152	22.662	ng/ul	95
44) 2-Chloronaphthalene	13.312	162	242252	22.258	ng/ul	94
45) 2-Nitroaniline	13.523	65	81519	22.360	ng/ul	98
47) Dimethylphthalate	13.899	163	312691	22.310	ng/ul	98
48) 2,6-Dinitrotoluene	14.023	165	61018	23.441	ng/ul	91
50) Acenaphthylene	14.164	152	389331	22.776	ng/ul	99
51) 3-Nitroaniline	14.352	138	49695	20.649	ng/ul#	92
52) Acenaphthene	14.510	153	269556	22.248	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	28225	21.218	ng/ul	96
55) 4-Nitrophenol	14.692	109	36888	17.928	ng/ul	93
56) Dibenzofuran	14.845	168	395708	23.166	ng/ul	96
57) 2,4-Dinitrotoluene	14.822	165	94689	24.481	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	71775	21.456	ng/ul#	91
59) Diethylphthalate	15.268	149	305571	22.552	ng/ul	97
61) Fluorene	15.497	166	319162	23.400	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	166179	21.869	ng/ul	97
63) 4-Nitroaniline	15.521	138	48671	20.201	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.591	198	46233	18.080	ng/ul#	93
67) N-Nitrosodiphenylamine	15.703	169	268255	23.173	ng/ul	97
68) 4-Bromophenyl-phenylether	16.385	248	108498	22.270	ng/ul	94
69) Hexachlorobenzene	16.508	284	121001	22.167	ng/ul	99
70) Atrazine	16.661	200	109050	22.285	ng/ul	97
71) Pentachlorophenol	16.866	266	30855	13.407	ng/ul	99
72) Phenanthrene	17.242	178	551161	23.925	ng/ul	98
74) Anthracene	17.331	178	559832	24.010	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.235	216	136861	21.457	ng/ul	97
76) Pentachlorobenzene	14.769	250	145903	23.090	ng/ul	98
77) Carbazole	17.607	167	482437	25.560	ng/ul	97
78) Di-n-butylphthalate	18.165	149	565839	24.824	ng/ul	98
80) Fluoranthene	19.264	202	691306	21.309	ng/ul	97
82) Pyrene	19.628	202	737950	21.380	ng/ul#	93
83) Butylbenzylphthalate	20.527	149	238447	22.505	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.361	252	197262	19.922	ng/ul	94
85) Benzo(a)anthracene	21.438	228	751429	21.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.349	149	351416	22.800	ng/ul	100
87) Chrysene	21.502	228	692868	21.148	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	606691	24.597	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	748723	23.052	ng/ul	100
91) Benzo(k)fluoranthene	23.588	252	731274	22.572	ng/ul	100
93) Benzo(a)pyrene	24.340	252	690114	22.637	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.889	276	852433	22.896	ng/ul	99
95) Dibenzo(a,h)anthracene	27.942	278	684407	22.974	ng/ul	97
96) Benzo(g,h,i)perylene	28.958	276	656704	22.228	ng/ul	96

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

