

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
 Data File : BG062534.D
 Acq On : 22 Aug 2024 8:53
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020469

Quant Time: Aug 22 09:33:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	101039	20.000	ng/u1	0.00
20) Naphthalene-d8	10.732	136	465559	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	344462	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.300	188	723553	20.000	ng/u1	0.00
79) Chrysene-d12	21.541	240	666447	20.000	ng/u1	0.00
88) Perylene-d12	24.619	264	775555	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.407	96	17550	6.595	ng/uL	0.00
4) Pyridine-d5	3.812	84	141533	17.453	ng/u1	0.00
7) Phenol-d5	7.102	99	194536	19.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	113871	17.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	141425	20.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.647	113	159950	18.984	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	72290	24.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	81026	27.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	161775	21.385	ng/u1	0.00
31) 4-Chloroaniline-d4	10.862	131	210386	17.537	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	470487	17.559	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	549105	18.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	82012	19.187	ng/u1	0.00
60) Fluorene-d10	15.549	176	429177	17.759	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	81262	24.718	ng/u1	0.00
73) Anthracene-d10	17.400	188	644019	18.528	ng/u1	0.00
81) Pyrene-d10	19.679	212	762488	19.536	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.402	264	775878	18.851	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.442	88	23866	8.401	ng/uL	89
5) Pyridine	3.830	79	145116	17.007	ng/u1	92
6) Benzaldehyde	7.078	77	115318	22.131	ng/u1	100
8) Phenol	7.131	94	204110	19.352	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.360	93	140609	18.017	ng/u1	99
12) 2-Chlorophenol	7.507	128	147283	20.738	ng/u1	99
13) 2-Methylphenol	8.377	108	155057	19.537	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.459	45	300506	18.655	ng/u1	97
16) Acetophenone	8.759	105	245113	17.760	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.747	70	129170	17.735	ng/u1	96
18) 4-Methylphenol	8.706	108	172487	18.974	ng/u1	99
19) Hexachloroethane	9.023	117	57294	20.275	ng/u1	95
22) Nitrobenzene	9.134	77	188150	22.310	ng/u1	99
23) Isophorone	9.657	82	345643	17.354	ng/u1	100
25) 2-Nitrophenol	9.845	139	88844	26.776	ng/u1	97
26) 2,4-Dimethylphenol	9.904	107	175650	19.412	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.139	93	202059	18.239	ng/u1	98
29) 2,4-Dichlorophenol	10.380	162	164989	21.239	ng/u1	98
30) Naphthalene	10.785	128	504277	18.676	ng/u1	99
32) 4-Chloroaniline	10.885	127	205796	17.645	ng/u1	99
33) Hexachlorobutadiene	11.073	225	115129	19.497	ng/u1	98
34) Caprolactam	11.655	113	59512m	18.994	ng/u1	
35) 4-Chloro-3-methylphenol	12.013	107	176681	19.437	ng/u1	97
36) 2-Methylnaphthalene	12.389	142	357438	18.745	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	358068	18.405	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.753	216	221229	19.233	ng/ul	96
40) Hexachlorocyclopentadiene	12.735	237	117825	19.984	ng/ul	99
41) 2,4,6-Trichlorophenol	12.994	196	141506	21.385	ng/ul	98
42) 2,4,5-Trichlorophenol	13.064	196	149904	21.578	ng/ul	94
43) 1,1'-Biphenyl	13.393	154	494339	18.943	ng/ul	97
44) 2-Chloronaphthalene	13.435	162	387272	19.178	ng/ul	99
45) 2-Nitroaniline	13.634	65	124252	23.756	ng/ul	96
47) Dimethylphthalate	14.016	163	478192	17.603	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	95855	24.707	ng/ul#	85
50) Acenaphthylene	14.280	152	587804	18.506	ng/ul	99
51) 3-Nitroaniline	14.457	138	95849	21.683	ng/ul	95
52) Acenaphthene	14.621	153	438786	18.458	ng/ul	97
53) 2,4-Dinitrophenol	14.662	184	56888	23.246	ng/ul	93
55) 4-Nitrophenol	14.768	109	70946	19.337	ng/ul	98
56) Dibenzofuran	14.956	168	609477	18.226	ng/ul	98
57) 2,4-Dinitrotoluene	14.915	165	137525	23.286	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.185	232	135823	20.335	ng/ul	98
59) Diethylphthalate	15.379	149	467789	17.255	ng/ul	99
61) Fluorene	15.608	166	459639	17.439	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.602	204	238381	17.600	ng/ul	99
63) 4-Nitroaniline	15.620	138	92772	20.078	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.679	198	89935	24.279	ng/ul#	99
67) N-Nitrosodiphenylamine	15.814	169	405189	19.318	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	159732	19.671	ng/ul	95
69) Hexachlorobenzene	16.607	284	179208	18.943	ng/ul	99
70) Atrazine	16.759	200	163124	18.651	ng/ul	97
71) Pentachlorophenol	16.947	266	117773	21.333	ng/ul	98
72) Phenanthrene	17.341	178	748424	18.408	ng/ul	99
74) Anthracene	17.435	178	766828	18.412	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.358	216	228937	22.134	ng/ul	99
76) Pentachlorobenzene	14.880	250	223292	20.580	ng/ul	98
77) Carbazole	17.699	167	625664	17.884	ng/ul	99
78) Di-n-butylphthalate	18.263	149	780101	18.640	ng/ul	99
80) Fluoranthene	19.350	202	866575	19.874	ng/ul	100
82) Pyrene	19.708	202	912027	19.406	ng/ul	99
83) Butylbenzylphthalate	20.601	149	342504	21.636	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.441	252	280818	19.306	ng/ul#	96
85) Benzo(a)anthracene	21.524	228	915960	18.935	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.441	149	510453	22.070	ng/ul	98
87) Chrysene	21.582	228	862000	18.797	ng/ul	98
89) Di-n-octyl phthalate	22.604	149	857022	20.720	ng/ul	100
90) Benzo(b)fluoranthene	23.644	252	880391	18.791	ng/ul	99
91) Benzo(k)fluoranthene	23.709	252	878067	18.568	ng/ul	99
93) Benzo(a)pyrene	24.473	252	817885	18.517	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.085	276	1071011	19.078	ng/ul	97
95) Dibenzo(a,h)anthracene	28.150	278	870045	19.121	ng/ul	99
96) Benzo(g,h,i)perylene	29.178	276	818004m	18.947	ng/ul	

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

