

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060430.D
 Acq On : 25 Jan 2024 19:36
 Operator : MA/JU
 Sample : SSTD02075
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020401

Quant Time: Jan 26 05:40:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 05:39:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	171908	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	761239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.559	164	575296	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.309	188	1462459	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1371223	20.000	ng/u1	0.00
88) Perylene-d12	24.735	264	1537714	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	25798	7.520	ng/uL	0.00
4) Pyridine-d5	3.772	84	198689	18.309	ng/u1	0.00
7) Phenol-d5	7.085	99	296925	18.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.250	67	192576	18.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.456	132	208493	19.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.631	113	243339	18.094	ng/u1	0.00
21) Nitrobenzene-d5	9.089	128	111229	19.803	ng/u1	0.00
24) 2-Nitrophenol-d4	9.806	143	128445	19.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	262389	19.231	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	347591	19.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.966	166	929417	19.743	ng/u1	0.00
49) Acenaphthylene-d8	14.254	160	1042138	19.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	125861	18.667	ng/u1	0.00
60) Fluorene-d10	15.552	176	819329	19.863	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	161903	17.878	ng/u1	0.00
73) Anthracene-d10	17.409	188	1373629	19.814	ng/u1	0.00
81) Pyrene-d10	19.700	212	1679491	20.436	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.512	264	1568271	19.442	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	28885	7.821	ng/uL	100
5) Pyridine	3.789	79	205319	18.609	ng/u1	100
6) Benzaldehyde	7.062	77	150589	24.265	ng/u1	100
8) Phenol	7.115	94	308640	18.085	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.344	93	257832	18.968	ng/u1	100
12) 2-Chlorophenol	7.485	128	215755	19.184	ng/u1	100
13) 2-Methylphenol	8.366	108	250347	18.982	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.443	45	332120	18.514	ng/u1	100
16) Acetophenone	8.748	105	409403	19.103	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.725	70	225304	19.495	ng/u1	100
18) 4-Methylphenol	8.695	108	261846	18.465	ng/u1	100
19) Hexachloroethane	9.007	117	92707	18.644	ng/u1	100
22) Nitrobenzene	9.130	77	300764	19.580	ng/u1	100
23) Isophorone	9.647	82	651815	19.572	ng/u1	100
25) 2-Nitrophenol	9.841	139	132711	19.899	ng/u1	100
26) 2,4-Dimethylphenol	9.894	107	265971	19.326	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.129	93	375306	19.796	ng/u1	100
29) 2,4-Dichlorophenol	10.376	162	257390	19.625	ng/u1	100
30) Naphthalene	10.775	128	791137	19.261	ng/u1	100
32) 4-Chloroaniline	10.887	127	339391	19.326	ng/u1	100
33) Hexachlorobutadiene	11.057	225	212135	19.479	ng/u1	100
34) Caprolactam	11.657	113	86619	19.905	ng/u1	100
35) 4-Chloro-3-methylphenol	12.009	107	266344	20.255	ng/u1	100
36) 2-Methylnaphthalene	12.385	142	564744	19.558	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.608	142	579871	19.869	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.755	216	403941	19.292	ng/ul	100
40) Hexachlorocyclopentadiene	12.732	237	219812	17.361	ng/ul	100
41) 2,4,6-Trichlorophenol	12.996	196	248973	19.507	ng/ul	100
42) 2,4,5-Trichlorophenol	13.067	196	263432	19.532	ng/ul	100
43) 1,1'-Biphenyl	13.396	154	842585	19.771	ng/ul	100
44) 2-Chloronaphthalene	13.437	162	700369	19.465	ng/ul	100
45) 2-Nitroaniline	13.643	65	175649	19.395	ng/ul	100
47) Dimethylphthalate	14.013	163	916460	19.503	ng/ul	100
48) 2,6-Dinitrotoluene	14.136	165	172581	19.475	ng/ul	100
50) Acenaphthylene	14.283	152	1162066	19.947	ng/ul	100
51) 3-Nitroaniline	14.465	138	146548	19.673	ng/ul	100
52) Acenaphthene	14.624	153	768856	19.785	ng/ul	100
53) 2,4-Dinitrophenol	14.677	184	78319	16.192	ng/ul	100
55) 4-Nitrophenol	14.776	109	85215	18.563	ng/ul	100
56) Dibenzofuran	14.959	168	1106935	20.177	ng/ul	100
57) 2,4-Dinitrotoluene	14.923	165	257845	19.856	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.188	232	239009	19.069	ng/ul	100
59) Diethylphthalate	15.376	149	891907	19.741	ng/ul	100
61) Fluorene	15.611	166	890439	19.784	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.599	204	489025	19.684	ng/ul	100
63) 4-Nitroaniline	15.628	138	151525	20.763	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.687	198	172478	18.209	ng/ul	100
67) N-Nitrosodiphenylamine	15.816	169	765394	19.296	ng/ul	100
68) 4-Bromophenyl-phenylether	16.498	248	325986	19.187	ng/ul	100
69) Hexachlorobenzene	16.616	284	379149	19.238	ng/ul	97
70) Atrazine	16.762	200	315617	19.355	ng/ul	100
71) Pentachlorophenol	16.962	266	191256	17.620	ng/ul	100
72) Phenanthrene	17.350	178	1535247	19.966	ng/ul	100
74) Anthracene	17.444	178	1581432	20.183	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.361	216	403908	18.873	ng/uL	98
76) Pentachlorobenzene	14.876	250	426703	19.151	ng/uL	97
77) Carbazole	17.714	167	1361647	21.041	ng/ul	100
78) Di-n-butylphthalate	18.267	149	1550139	20.319	ng/ul	100
80) Fluoranthene	19.365	202	1884976	20.553	ng/ul	100
82) Pyrene	19.730	202	1974628	20.688	ng/ul	100
83) Butylbenzylphthalate	20.617	149	668786	19.658	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	669120	20.992	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1930493	20.417	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1002355	19.739	ng/ul	100
87) Chrysene	21.616	228	1806211	20.336	ng/ul	100
89) Di-n-octyl phthalate	22.644	149	1736823	21.165	ng/ul	100
90) Benzo(b)fluoranthene	23.725	252	1922439	20.147	ng/ul	100
91) Benzo(k)fluoranthene	23.789	252	1875496	19.253	ng/ul	100
93) Benzo(a)pyrene	24.583	252	1812315	19.743	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.337	276	2154735	19.149	ng/ul	100
95) Dibenzo(a,h)anthracene	28.390	278	1782458	19.415	ng/ul	100
96) Benzo(g,h,i)perylene	29.448	276	1768637	19.412	ng/ul	100

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

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