

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062234.D
 Acq On : 5 Aug 2024 12:00
 Operator : MA/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020427

Quant Time: Aug 06 02:19:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 13:18:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	45117	20.000	ng/u1	0.00
20) Naphthalene-d8	10.761	136	214110	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.585	164	160520	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.329	188	357990	20.000	ng/u1	0.00
79) Chrysene-d12	21.576	240	353741	20.000	ng/u1	0.00
88) Perylene-d12	24.672	264	398635	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	8318	7.729	ng/uL	0.00
4) Pyridine-d5	3.829	84	64957	19.407	ng/u1	0.00
7) Phenol-d5	7.119	99	84933	19.861	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	54360	19.973	ng/u1	0.00
11) 2-Chlorophenol-d4	7.495	132	62714	22.371	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	71576	20.091	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	26379	27.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	24261	27.049	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	73163	22.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.885	131	105436	19.979	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	253457	21.084	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	287822	20.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	33260	22.031	ng/u1	0.00
60) Fluorene-d10	15.578	176	226765	19.736	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	16903	17.907	ng/u1	0.00
73) Anthracene-d10	17.429	188	354213	20.348	ng/u1	0.00
81) Pyrene-d10	19.708	212	424479	19.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.466	264	429965	20.298	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.459	88	9763	7.496	ng/uL	100
5) Pyridine	3.847	79	68812	19.823	ng/u1	100
6) Benzaldehyde	7.101	77	51252m	20.687	ng/u1	
8) Phenol	7.143	94	89079	20.038	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.389	93	69114	20.264	ng/u1	100
12) 2-Chlorophenol	7.530	128	67139	22.425	ng/u1	100
13) 2-Methylphenol	8.400	108	69531	20.155	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.488	45	140625	19.614	ng/u1	100
16) Acetophenone	8.781	105	117473	19.895	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.770	70	63581	20.457	ng/u1	100
18) 4-Methylphenol	8.723	108	76463	19.984	ng/u1	100
19) Hexachloroethane	9.052	117	24372	21.513	ng/u1	100
22) Nitrobenzene	9.163	77	76362	25.825	ng/u1	100
23) Isophorone	9.686	82	183419	19.646	ng/u1	100
25) 2-Nitrophenol	9.868	139	31766	28.859	ng/u1	100
26) 2,4-Dimethylphenol	9.927	107	86424	20.693	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.174	93	102079	19.710	ng/u1	100
29) 2,4-Dichlorophenol	10.403	162	73727	22.605	ng/u1	100
30) Naphthalene	10.814	128	248555	20.272	ng/u1	100
32) 4-Chloroaniline	10.914	127	103670	20.091	ng/u1	100
33) Hexachlorobutadiene	11.108	225	55928	20.969	ng/u1	100
34) Caprolactam	11.654	113	26066	20.787	ng/u1	100
35) 4-Chloro-3-methylphenol	12.024	107	85540	21.755	ng/u1	100
36) 2-Methylnaphthalene	12.418	142	168537	19.812	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.635	142	178886	20.606	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.782	216	106596	19.913	ng/ul	100
40) Hexachlorocyclopentadiene	12.770	237	38498	16.021	ng/ul	100
41) 2,4,6-Trichlorophenol	13.017	196	64352	23.646	ng/ul	100
42) 2,4,5-Trichlorophenol	13.082	196	70441	23.396	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	256495	20.384	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	198651	20.418	ng/ul	100
45) 2-Nitroaniline	13.657	65	51143	29.195	ng/ul	100
47) Dimethylphthalate	14.045	163	253175	20.660	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	35363	28.207	ng/ul	100
50) Acenaphthylene	14.309	152	304551	20.070	ng/ul	100
51) 3-Nitroaniline	14.480	138	37378	22.965	ng/ul	100
52) Acenaphthene	14.650	153	225309	20.057	ng/ul	100
53) 2,4-Dinitrophenol	14.679	184	9925	15.805	ng/ul	100
55) 4-Nitrophenol	14.773	109	30920	22.011	ng/ul	100
56) Dibenzofuran	14.985	168	317508	20.187	ng/ul	100
57) 2,4-Dinitrotoluene	14.938	165	49630	27.881	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.208	232	61977	23.897	ng/ul	100
59) Diethylphthalate	15.414	149	255790	20.911	ng/ul	100
61) Fluorene	15.637	166	245561	19.674	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.631	204	126793	19.694	ng/ul	100
63) 4-Nitroaniline	15.637	138	37910	21.199	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.702	198	19617	18.242	ng/ul	100
67) N-Nitrosodiphenylamine	15.843	169	218804	20.274	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	84219	20.630	ng/ul	100
69) Hexachlorobenzene	16.636	284	96580	20.733	ng/ul	100
70) Atrazine	16.788	200	83960	20.614	ng/ul	100
71) Pentachlorophenol	16.976	266	45456	18.678	ng/ul	100
72) Phenanthrene	17.370	178	410847	20.268	ng/ul	100
74) Anthracene	17.464	178	422537	20.433	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	112163	21.277	ng/ul	100
76) Pentachlorobenzene	14.903	250	114048	20.878	ng/ul	100
77) Carbazole	17.722	167	352143	20.538	ng/ul	100
78) Di-n-butylphthalate	18.304	149	420938	22.077	ng/ul	100
80) Fluoranthene	19.373	202	475921	19.749	ng/ul	100
82) Pyrene	19.737	202	508669	19.705	ng/ul	100
83) Butylbenzylphthalate	20.642	149	176462	22.821	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.470	252	165591	20.480	ng/ul	100
85) Benzo(a)anthracene	21.552	228	518285	20.029	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.500	149	271360	22.645	ng/ul	100
87) Chrysene	21.617	228	489569	19.937	ng/ul	100
89) Di-n-octyl phthalate	22.686	149	455689	21.941	ng/ul	100
90) Benzo(b)fluoranthene	23.697	252	490245	20.232	ng/ul	100
91) Benzo(k)fluoranthene	23.761	252	497649	20.323	ng/ul	100
93) Benzo(a)pyrene	24.531	252	460648	20.244	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.179	276	597377	20.249	ng/ul	100
95) Dibenzo(a,h)anthracene	28.249	278	479613	20.244	ng/ul	100
96) Benzo(g,h,i)perylene	29.266	276	452458	20.022	ng/ul	100

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

