

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
 Data File : BG057941.D
 Acq On : 1 Jul 2023 13:56
 Operator : CG/JU
 Sample : SSTD08090
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080439

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 07:40:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:09:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	45826	20.000	ng/u1	0.00
20) Naphthalene-d8	10.737	136	209393	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.568	164	145174	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.312	188	334553	20.000	ng/u1	0.00
79) Chrysene-d12	21.566	240	264210	20.000	ng/u1	0.00
88) Perylene-d12	24.721	264	321770	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	38572	29.474	ng/uL	0.00
4) Pyridine-d5	3.775	84	312737	78.714	ng/u1	0.00
7) Phenol-d5	7.094	99	374801	80.086	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	223933	79.400	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	258256	80.010	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	281089	79.599	ng/u1	0.01
21) Nitrobenzene-d5	9.098	128	140316	82.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	154356	86.056	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	279967	81.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	390858	74.922	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	843706	73.658	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	942409	75.396	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	158641	78.391	ng/u1	0.02
60) Fluorene-d10	15.561	176	717754	73.784	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	153240	84.354	ng/u1	0.01
73) Anthracene-d10	17.412	188	1134846	73.102	ng/u1	0.00
81) Pyrene-d10	19.697	212	1241130	74.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	1278207	77.971	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	43306	26.786	ng/uL	96
5) Pyridine	3.798	79	316068	77.643	ng/u1	97
6) Benzaldehyde	7.071	77	160952	102.981	ng/u1	94
8) Phenol	7.124	94	381386	80.307	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.353	93	288963	78.802	ng/u1	99
12) 2-Chlorophenol	7.500	128	265271	78.976	ng/u1	99
13) 2-Methylphenol	8.375	108	300625	80.601	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.458	45	451329	79.958	ng/u1	98
16) Acetophenone	8.757	105	458279	78.220	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.751	70	240259	76.710	ng/u1	100
18) 4-Methylphenol	8.710	108	321308	79.670	ng/u1	100
19) Hexachloroethane	9.016	117	102369	79.501	ng/u1	96
22) Nitrobenzene	9.139	77	348164	78.585	ng/u1	98
23) Isophorone	9.668	82	728492	77.059	ng/u1	98
25) 2-Nitrophenol	9.850	139	161702	84.015	ng/u1	94
26) 2,4-Dimethylphenol	9.909	107	337601	78.005	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.144	93	416158	78.119	ng/u1	100
29) 2,4-Dichlorophenol	10.385	162	267722	80.025	ng/u1	94
30) Naphthalene	10.790	128	894799	76.040	ng/u1	97
32) 4-Chloroaniline	10.896	127	399160	74.829	ng/u1	99
33) Hexachlorobutadiene	11.066	225	183617	77.525	ng/u1	97
34) Caprolactam	11.683	113	97000m	72.524	ng/u1	
35) 4-Chloro-3-methylphenol	12.024	107	331863	80.753	ng/u1	100
36) 2-Methylnaphthalene	12.394	142	602539	75.959	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	599302	75.340	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.764	216	345354	78.062	ng/ul	99
40) Hexachlorocyclopentadiene	12.741	237	239021	85.774	ng/ul	96
41) 2,4,6-Trichlorophenol	12.999	196	247418	82.514	ng/ul	98
42) 2,4,5-Trichlorophenol	13.076	196	265638	81.916	ng/ul	98
43) 1,1'-Biphenyl	13.405	154	778671	74.429	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	635259	75.658	ng/ul	100
45) 2-Nitroaniline	13.652	65	241852	82.847	ng/ul	96
47) Dimethylphthalate	14.022	163	837217	72.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	191019	80.866	ng/ul	97
50) Acenaphthylene	14.292	152	991119	73.428	ng/ul	98
51) 3-Nitroaniline	14.474	138	169207	84.764	ng/ul	100
52) Acenaphthene	14.633	153	687493	74.226	ng/ul	98
53) 2,4-Dinitrophenol	14.680	184	109533	88.944	ng/ul	97
55) 4-Nitrophenol	14.791	109	118918	79.322	ng/ul	88
56) Dibenzofuran	14.968	168	968090	73.528	ng/ul	98
57) 2,4-Dinitrotoluene	14.932	165	263848	78.836	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.191	232	235897	79.909	ng/ul#	99
59) Diethylphthalate	15.385	149	857967	71.431	ng/ul	99
61) Fluorene	15.614	166	751340	69.549	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.608	204	414449	72.505	ng/ul	98
63) 4-Nitroaniline	15.643	138	155921	87.725	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.696	198	156097	84.024	ng/ul	98
67) N-Nitrosodiphenylamine	15.820	169	671265	75.393	ng/ul	98
68) 4-Bromophenyl-phenylether	16.501	248	291170	79.287	ng/ul	98
69) Hexachlorobenzene	16.619	284	322155	78.353	ng/ul	98
70) Atrazine	16.771	200	270261	74.229	ng/ul	96
71) Pentachlorophenol	16.959	266	204983	83.043	ng/ul	98
72) Phenanthrene	17.353	178	1233347	72.474	ng/ul	98
74) Anthracene	17.447	178	1217226	70.682	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.369	216	368316	83.011	ng/uL	99
76) Pentachlorobenzene	14.885	250	381888	80.590	ng/uL	98
77) Carbazole	17.717	167	1148507	73.742	ng/ul	98
78) Di-n-butylphthalate	18.270	149	1380217	69.568	ng/ul	98
80) Fluoranthene	19.362	202	1424511	73.879	ng/ul	99
82) Pyrene	19.727	202	1393774	71.811	ng/ul	97
83) Butylbenzylphthalate	20.608	149	614939	78.133	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.466	252	498146	77.880	ng/ul	99
85) Benzo(a)anthracene	21.548	228	1432106	75.491	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.454	149	837631	74.268	ng/ul	96
87) Chrysene	21.613	228	1352490	76.052	ng/ul	96
89) Di-n-octyl phthalate	22.641	149	1539505	77.870	ng/ul	100
90) Benzo(b)fluoranthene	23.722	252	1555517	78.076	ng/ul	99
91) Benzo(k)fluoranthene	23.793	252	1469898	75.271	ng/ul	99
93) Benzo(a)pyrene	24.586	252	1355957	76.894	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.334	276	1858265	79.357	ng/ul	100
95) Dibenzo(a,h)anthracene	28.399	278	1524954	78.975	ng/ul	97
96) Benzo(g,h,i)perylene	29.468	276	1527745	79.876	ng/ul	98

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

