

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052830.D
 Acq On : 25 Mar 2022 15:25
 Operator : CG/JU
 Sample : N2079-20MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW607MS

Quant Time: Mar 25 16:24:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	22985	20.000	ng/u1	0.00
20) Naphthalene-d8	10.959	136	106980	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.760	164	85235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.503	188	209422	20.000	ng/u1	0.00
79) Chrysene-d12	21.797	240	216309	20.000	ng/u1	# 0.00
88) Perylene-d12	25.111	264	232806	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	3132	4.813	ng/uL	0.00
4) Pyridine-d5	3.974	84	13724	8.448	ng/u1	0.00
7) Phenol-d5	7.288	99	18895	9.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	50604	40.247	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	42677	30.530	ng/u1	0.00
15) 4-Methylphenol-d8	8.838	113	33554	22.500	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	31732	41.206	ng/u1	0.00
24) 2-Nitrophenol-d4	10.031	143	34262	42.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	64136	36.296	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	79701	34.127	ng/u1	0.00
46) Dimethylphthalate-d6	14.161	166	277521	42.382	ng/u1	0.00
49) Acenaphthylene-d8	14.454	160	312743	39.304	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	11359	10.317	ng/u1	0.00
60) Fluorene-d10	15.753	176	236464	41.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.858	200	49307	46.265	ng/u1	0.00
73) Anthracene-d10	17.609	188	400021m	41.020	ng/u1	0.00
81) Pyrene-d10	19.888	212	498509	41.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.887	264	508122	42.241	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.593	88	3907m	4.900	ng/uL	
5) Pyridine	3.992	79	16207	9.233	ng/u1	97
6) Benzaldehyde	7.270	77	55932m	40.868	ng/u1	
8) Phenol	7.311	94	19464	9.810	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.552	93	61293	40.950	ng/u1	99
12) 2-Chlorophenol	7.699	128	45358	31.759	ng/u1#	88
13) 2-Methylphenol	8.574	108	40470	26.244	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.668	45	101984	41.918	ng/u1	98
16) Acetophenone	8.962	105	105427	45.316	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.944	70	64040	47.218	ng/u1	96
18) 4-Methylphenol	8.903	108	39180	24.387	ng/u1	100
19) Hexachloroethane	9.238	117	22948	36.214	ng/u1	96
22) Nitrobenzene	9.344	77	94454	41.977	ng/u1	98
23) Isophorone	9.867	82	179376	41.706	ng/u1	98
25) 2-Nitrophenol	10.060	139	36221	43.003	ng/u1#	94
26) 2,4-Dimethylphenol	10.113	107	69952	33.517	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.348	93	91910	38.427	ng/u1	96
29) 2,4-Dichlorophenol	10.595	162	63449	36.931	ng/u1	95
30) Naphthalene	11.006	128	214385	38.724	ng/u1	97
32) 4-Chloroaniline	11.106	127	83378	36.332	ng/u1	100
33) Hexachlorobutadiene	11.300	225	46790	33.347	ng/u1	94
34) Caprolactam	11.864	113	3531	6.824	ng/u1#	84
35) 4-Chloro-3-methylphenol	12.210	107	75578	40.554	ng/u1	91
36) 2-Methylnaphthalene	12.604	142	158787	40.642	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.821	142	162660	41.124	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.968	216	101083	35.880	ng/ul	94
40) Hexachlorocyclopentadiene	12.951	237	53450	27.405	ng/ul	95
41) 2,4,6-Trichlorophenol	13.197	196	72410	42.061	ng/ul	98
42) 2,4,5-Trichlorophenol	13.268	196	79919	42.988	ng/ul	98
43) 1,1'-Biphenyl	13.597	154	230406	37.828	ng/ul	99
44) 2-Chloronaphthalene	13.644	162	179681	36.841	ng/ul	97
45) 2-Nitroaniline	13.832	65	75784	53.009	ng/ul	94
47) Dimethylphthalate	14.208	163	261941	41.918	ng/ul	99
48) 2,6-Dinitrotoluene	14.325	165	55905	49.387	ng/ul	90
50) Acenaphthylene	14.484	152	301104	39.182	ng/ul	99
51) 3-Nitroaniline	14.654	138	51772	45.311	ng/ul#	96
52) Acenaphthene	14.824	153	206038	41.041	ng/ul	99
53) 2,4-Dinitrophenol	14.854	184	35023	49.803	ng/ul#	67
55) 4-Nitrophenol	14.948	109	13215m	11.405	ng/ul	
56) Dibenzofuran	15.159	168	307484	41.314	ng/ul	100
57) 2,4-Dinitrotoluene	15.112	165	81271	50.601	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.383	232	77106	46.012	ng/ul#	99
59) Diethylphthalate	15.571	149	284415	44.940	ng/ul	99
61) Fluorene	15.806	166	255366	41.394	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.794	204	136330	41.529	ng/ul	98
63) 4-Nitroaniline	15.811	138	54921	48.879	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.876	198	51830	49.705	ng/ul	93
67) N-Nitrosodiphenylamine	16.005	169	231438	40.874	ng/ul	98
68) 4-Bromophenyl-phenylether	16.693	248	102327	49.348	ng/ul	97
69) Hexachlorobenzene	16.816	284	117100	43.718	ng/ul	94
70) Atrazine	16.951	200	102912	44.348	ng/ul	99
71) Pentachlorophenol	17.157	266	71540	43.921	ng/ul	94
72) Phenanthrene	17.550	178	467495	42.534	ng/ul	98
74) Anthracene	17.638	178	456391	41.533	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.567	216	112895	36.195	ng/uL	99
76) Pentachlorobenzene	15.083	250	129885	43.404	ng/uL	98
77) Carbazole	17.903	167	427042	43.974	ng/ul	96
78) Di-n-butylphthalate	18.461	149	499409	43.245	ng/ul	99
80) Fluoranthene	19.553	202	608746	42.689	ng/ul	98
82) Pyrene	19.918	202	591447	41.729	ng/ul	96
83) Butylbenzylphthalate	20.793	149	229296	46.530	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.680	252	172754	35.633	ng/ul	95
85) Benzo(a)anthracene	21.774	228	600916	43.043	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.674	149	317524	46.521	ng/ul	99
87) Chrysene	21.844	228	570572	42.848	ng/ul	99
89) Di-n-octyl phthalate	22.925	149	540691	44.590	ng/ul	100
90) Benzo(b)fluoranthene	24.059	252	649366	43.197	ng/ul	98
91) Benzo(k)fluoranthene	24.130	252	575410	41.474	ng/ul#	98
93) Benzo(a)pyrene	24.958	252	599565	42.244	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.905	276	703182	43.809	ng/ul	99
95) Dibenzo(a,h)anthracene	28.970	278	592854	43.456	ng/ul	98
96) Benzo(g,h,i)perylene	30.098	276	596558	43.966	ng/ul	98

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

