

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032322\
 Data File : BG052794.D
 Acq On : 23 Mar 2022 12:45
 Operator : CG/JU
 Sample : N1820-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBRZ5MSD

Quant Time: Mar 23 13:33:50 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 03/23/2022
 Supervised By :mohammad ahmed 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	31138	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	132370	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.766	164	100452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	246303	20.000	ng/u1	0.00
79) Chrysene-d12	21.798	240	239584	20.000	ng/u1	0.00
88) Perylene-d12	25.111	264	248731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	4315	4.895	ng/uL	0.00
4) Pyridine-d5	3.969	84	68017	30.907	ng/u1	0.00
7) Phenol-d5	7.288	99	100166	35.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	63137	37.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	69480	36.690	ng/u1	0.00
15) 4-Methylphenol-d8	8.839	113	76957	38.093	ng/u1	0.00
21) Nitrobenzene-d5	9.303	128	35732	37.500	ng/u1	0.00
24) 2-Nitrophenol-d4	10.032	143	41867	41.658	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.572	165	81947	37.480	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	94513	32.707	ng/u1	0.00
46) Dimethylphthalate-d6	14.161	166	290498	37.643	ng/u1	0.00
49) Acenaphthylene-d8	14.461	160	331620	35.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.937	143	48873	37.667	ng/u1	0.00
60) Fluorene-d10	15.753	176	247272	36.492	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	46759	37.305	ng/u1	0.00
73) Anthracene-d10	17.610	188	391478	34.133	ng/u1	0.00
81) Pyrene-d10	19.889	212	491377	36.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.888	264	465271	36.202	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.593	88	12363	11.446	ng/uL	90
5) Pyridine	3.993	79	87942	36.982	ng/u1	95
6) Benzaldehyde	7.271	77	76080	41.035	ng/u1	97
8) Phenol	7.318	94	110377	41.065	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.553	93	79917	39.412	ng/u1	97
12) 2-Chlorophenol	7.705	128	75385	38.963	ng/u1	89
13) 2-Methylphenol	8.575	108	83949	40.186	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	133357	40.461	ng/u1	96
16) Acetophenone	8.962	105	127698	40.517	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.951	70	76233	41.491	ng/u1	96
18) 4-Methylphenol	8.904	108	88681	40.745	ng/u1	98
19) Hexachloroethane	9.239	117	32300	37.626	ng/u1	87
22) Nitrobenzene	9.344	77	113377	40.722	ng/u1	98
23) Isophorone	9.873	82	216635	40.707	ng/u1	96
25) 2-Nitrophenol	10.061	139	45812	43.958	ng/u1	96
26) 2,4-Dimethylphenol	10.114	107	95898	37.135	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.349	93	114281	38.616	ng/u1	94
29) 2,4-Dichlorophenol	10.596	162	84587	39.791	ng/u1	99
30) Naphthalene	11.007	128	256913	37.505	ng/u1	97
32) 4-Chloroaniline	11.107	127	101469	35.735	ng/u1	99
33) Hexachlorobutadiene	11.301	225	65801	37.901	ng/u1	96
34) Caprolactam	11.870	113	31682m	49.485	ng/u1	
35) 4-Chloro-3-methylphenol	12.217	107	101727	44.115	ng/u1	94
36) 2-Methylnaphthalene	12.605	142	188234	38.937	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	188724	38.561	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	124749	37.572	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	74844	32.561	ng/ul	96
41) 2,4,6-Trichlorophenol	13.198	196	82717	40.770	ng/ul	99
42) 2,4,5-Trichlorophenol	13.268	196	91539	41.779	ng/ul	96
43) 1,1'-Biphenyl	13.603	154	266440	37.118	ng/ul	98
44) 2-Chloronaphthalene	13.644	162	204861	35.641	ng/ul	95
45) 2-Nitroaniline	13.832	65	76416	45.354	ng/ul	96
47) Dimethylphthalate	14.208	163	286803	38.944	ng/ul	100
48) 2,6-Dinitrotoluene	14.326	165	59378	44.509	ng/ul	90
50) Acenaphthylene	14.490	152	338479	37.373	ng/ul	98
51) 3-Nitroaniline	14.655	138	58599	43.517	ng/ul	97
52) Acenaphthene	14.831	153	224796	37.994	ng/ul	97
53) 2,4-Dinitrophenol	14.860	184	37524	45.276	ng/ul#	61
55) 4-Nitrophenol	14.954	109	61338	44.919	ng/ul	90
56) Dibenzofuran	15.160	168	339320	38.685	ng/ul	100
57) 2,4-Dinitrotoluene	15.113	165	86803	45.858	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.383	232	84038	42.552	ng/ul#	98
59) Diethylphthalate	15.571	149	306920	41.150	ng/ul	99
61) Fluorene	15.812	166	277941	38.228	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.800	204	150628	38.934	ng/ul	95
63) 4-Nitroaniline	15.818	138	61367	46.342	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.877	198	53515	43.636	ng/ul	95
67) N-Nitrosodiphenylamine	16.012	169	251592	37.780	ng/ul	95
68) 4-Bromophenyl-phenylether	16.693	248	111996	45.923	ng/ul	94
69) Hexachlorobenzene	16.817	284	124840	39.628	ng/ul	96
70) Atrazine	16.952	200	114086	41.802	ng/ul	98
71) Pentachlorophenol	17.157	266	79561	41.531	ng/ul	94
72) Phenanthrene	17.551	178	489976	37.904	ng/ul	100
74) Anthracene	17.645	178	477426	36.942	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.574	216	134430	36.646	ng/ul	98
76) Pentachlorobenzene	15.084	250	139263	39.570	ng/ul	95
77) Carbazole	17.903	167	440697	38.585	ng/ul	97
78) Di-n-butylphthalate	18.461	149	534397	39.346	ng/ul	100
80) Fluoranthene	19.554	202	621421	39.345	ng/ul	99
82) Pyrene	19.918	202	599247	38.172	ng/ul	97
83) Butylbenzylphthalate	20.794	149	229868	42.115	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.681	252	188575	35.117	ng/ul	94
85) Benzo(a)anthracene	21.775	228	580224	37.523	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.681	149	312990	41.402	ng/ul	95
87) Chrysene	21.845	228	551029	37.360	ng/ul	99
89) Di-n-octyl phthalate	22.926	149	535037	41.298	ng/ul	100
90) Benzo(b)fluoranthene	24.060	252	610047	37.983	ng/ul	99
91) Benzo(k)fluoranthene	24.130	252	555506	37.476	ng/ul	97
93) Benzo(a)pyrene	24.964	252	570474	37.621	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.912	276	666750m	38.880	ng/ul	
95) Dibenzo(a,h)anthracene	28.982	278	557482	38.247	ng/ul	99
96) Benzo(g,h,i)perylene	30.093	276	556116	38.362	ng/ul	99

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

