

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052572.D
 Acq On : 4 Mar 2022 9:34
 Operator : CG/JU
 Sample : N1745-13MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0AB1MSD

Quant Time: Mar 04 10:18:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :Yogesh Patel 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	18321	20.000	ng/u1	0.00
20) Naphthalene-d8	11.055	136	82492	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.862	164	60714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.611	188	150862	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.923	240	148618	20.000	ng/u1	#-0.01
88) Perylene-d12	25.388	264	152529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	2110	4.518	ng/uL	0.00
4) Pyridine-d5	3.982	84	14442	10.250	ng/u1	0.00
7) Phenol-d5	7.366	99	16720	9.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	38110	37.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.748	132	36591	29.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	30186	22.332	ng/u1	0.00
21) Nitrobenzene-d5	9.387	128	25849	36.757	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.121	143	27961	36.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	52402	36.480	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	66827	33.571	ng/u1	0.00
46) Dimethylphthalate-d6	14.251	166	224222	45.429	ng/u1	0.00
49) Acenaphthylene-d8	14.556	160	253762	41.648	ng/u1	0.00
54) 4-Nitrophenol-d4	15.061	143	8998	11.468	ng/u1	0.00
60) Fluorene-d10	15.854	176	189091	43.611	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.972	200	41201	43.072	ng/u1	0.00
73) Anthracene-d10	17.711	188	324019	44.458	ng/u1	0.00
81) Pyrene-d10	19.990	212	398382	45.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.154	264	387060	47.300	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.577	88	2822	5.193	ng/uL	95
5) Pyridine	3.994	79	17495	12.299	ng/u1	99
6) Benzaldehyde	7.336	77	47113	47.755	ng/u1	91
8) Phenol	7.395	94	19000	10.813	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.613	93	49723	38.259	ng/u1	90
12) 2-Chlorophenol	7.777	128	38657	30.409	ng/u1	94
13) 2-Methylphenol	8.658	108	34261	25.759	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.740	45	67177	37.766	ng/u1	98
16) Acetophenone	9.040	105	84168	40.416	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.022	70	48931	39.910	ng/u1#	95
18) 4-Methylphenol	8.993	108	33530	23.704	ng/u1	88
19) Hexachloroethane	9.316	117	16803	33.806	ng/u1	82
22) Nitrobenzene	9.434	77	69045	38.299	ng/u1	97
23) Isophorone	9.956	82	139487	40.107	ng/u1	98
25) 2-Nitrophenol	10.156	139	29866	36.896	ng/u1	94
26) 2,4-Dimethylphenol	10.203	107	53598	32.193	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.432	93	71313	37.885	ng/u1	98
29) 2,4-Dichlorophenol	10.697	162	49406	36.357	ng/u1	96
30) Naphthalene	11.108	128	171856	37.446	ng/u1	96
32) 4-Chloroaniline	11.208	127	68050	33.324	ng/u1	99
33) Hexachlorobutadiene	11.390	225	36637	34.168	ng/u1	97
34) Caprolactam	11.965	113	3269m	6.466	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	55174	36.352	ng/u1	92
36) 2-Methylnaphthalene	12.700	142	133377	40.558	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.917	142	134082	40.065	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.064	216	83268	39.079	ng/ul	98
40) Hexachlorocyclopentadiene	13.046	237	25174	24.406	ng/ul	97
41) 2,4,6-Trichlorophenol	13.305	196	50747	39.712	ng/ul	95
42) 2,4,5-Trichlorophenol	13.381	196	54395	39.936	ng/ul	97
43) 1,1'-Biphenyl	13.693	154	193653	40.114	ng/ul#	94
44) 2-Chloronaphthalene	13.745	162	144786	39.437	ng/ul	98
45) 2-Nitroaniline	13.939	65	54016	45.048	ng/ul	92
47) Dimethylphthalate	14.298	163	210784	43.689	ng/ul	99
48) 2,6-Dinitrotoluene	14.427	165	48614	46.012	ng/ul	86
50) Acenaphthylene	14.585	152	254056	41.726	ng/ul	96
51) 3-Nitroaniline	14.756	138	42991	49.965	ng/ul#	99
52) Acenaphthene	14.926	153	166958	41.695	ng/ul	98
53) 2,4-Dinitrophenol	14.973	184	19223	36.794	ng/ul#	79
55) 4-Nitrophenol	15.067	109	8425	11.072	ng/ul	92
56) Dibenzofuran	15.261	168	247659	43.023	ng/ul	96
57) 2,4-Dinitrotoluene	15.214	165	68996	45.083	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.484	232	53862	43.632	ng/ul#	88
59) Diethylphthalate	15.655	149	218837	44.870	ng/ul	97
61) Fluorene	15.907	166	212390	43.863	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.890	204	112708	42.770	ng/ul	94
63) 4-Nitroaniline	15.919	138	46987m	56.876	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.984	198	40300	43.471	ng/ul#	92
67) N-Nitrosodiphenylamine	16.101	169	188610	44.373	ng/ul	95
68) 4-Bromophenyl-phenylether	16.788	248	82485	45.554	ng/ul#	84
69) Hexachlorobenzene	16.923	284	92583	44.562	ng/ul#	86
70) Atrazine	17.047	200	81621	43.570	ng/ul	99
71) Pentachlorophenol	17.264	266	37112	39.659	ng/ul	98
72) Phenanthrene	17.652	178	370501	45.598	ng/ul	98
74) Anthracene	17.746	178	361229	44.172	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.669	216	89253	37.399	ng/uL	97
76) Pentachlorobenzene	15.185	250	100363	44.049	ng/uL	97
77) Carbazole	18.010	167	333986	45.981	ng/ul	98
78) Di-n-butylphthalate	18.551	149	384199	44.476	ng/ul	99
80) Fluoranthene	19.655	202	472061	45.978	ng/ul#	91
82) Pyrene	20.019	202	458579	44.978	ng/ul#	90
83) Butylbenzylphthalate	20.883	149	161297	43.762	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.805	252	134731	41.040	ng/ul#	94
85) Benzo(a)anthracene	21.905	228	453864	45.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.782	149	228580	44.243	ng/ul#	96
87) Chrysene	21.975	228	433984	44.952	ng/ul	97
89) Di-n-octyl phthalate	23.068	149	389734	44.187	ng/ul	100
90) Benzo(b)fluoranthene	24.284	252	485530	45.657	ng/ul#	96
91) Benzo(k)fluoranthene	24.355	252	448934	45.768	ng/ul#	96
93) Benzo(a)pyrene	25.224	252	460520	46.033	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.383	276	523893	46.052	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.442	278	453919	46.743	ng/ul#	93
96) Benzo(g,h,i)perylene	30.634	276	450668	47.184	ng/ul#	89

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

