

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052566.D
 Acq On : 3 Mar 2022 22:30
 Operator : CG/JU
 Sample : N1745-13MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0AB1MSD

Quant Time: Mar 04 00:03:58 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	8.217	152	22063	20.000	ng/u1	0.00
20) Naphthalene-d8	11.054	136	92367	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.861	164	70086	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.610	188	168057	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.928	240	164758	20.000	ng/u1	# 0.00
88) Perylene-d12	25.388	264	164823	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	2819m	5.012	ng/uL	0.00
4) Pyridine-d5	3.976	84	19733	11.630	ng/u1	0.00
7) Phenol-d5	7.365	99	23930	11.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	51700	42.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	51008	34.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	41780	25.667	ng/u1	-0.01
21) Nitrobenzene-d5	9.386	128	36091	45.834	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.120	143	38445	44.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	72051	44.797	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	89875	40.322	ng/u1	0.00
46) Dimethylphthalate-d6	14.256	166	292603	51.356	ng/u1	0.00
49) Acenaphthylene-d8	14.562	160	341928	48.614	ng/u1	0.00
54) 4-Nitrophenol-d4	15.061	143	12405m	13.696	ng/u1	0.00
60) Fluorene-d10	15.854	176	255381	51.023	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	57272	53.746	ng/u1	0.00
73) Anthracene-d10	17.710	188	423871	52.208	ng/u1	0.00
81) Pyrene-d10	19.989	212	516895	53.616	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	506552	57.285	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	4205	6.426	ng/uL#	91
5) Pyridine	3.993	79	22273	13.002	ng/u1	87
6) Benzaldehyde	7.342	77	63998m	53.868	ng/u1	
8) Phenol	7.395	94	25556	12.078	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.618	93	66869	42.725	ng/u1	94
12) 2-Chlorophenol	7.782	128	52844	34.518	ng/u1	92
13) 2-Methylphenol	8.658	108	45841	28.620	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.740	45	87903	41.036	ng/u1#	95
16) Acetophenone	9.045	105	112894	45.015	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.022	70	65315	44.238	ng/u1	98
18) 4-Methylphenol	8.987	108	44373m	26.049	ng/u1	
19) Hexachloroethane	9.316	117	22477	37.552	ng/u1#	73
22) Nitrobenzene	9.433	77	91984	45.569	ng/u1#	89
23) Isophorone	9.956	82	186847	47.981	ng/u1	98
25) 2-Nitrophenol	10.156	139	41145	45.396	ng/u1	93
26) 2,4-Dimethylphenol	10.209	107	73412	39.380	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.438	93	97078	46.059	ng/u1	99
29) 2,4-Dichlorophenol	10.696	162	66624	43.786	ng/u1	94
30) Naphthalene	11.107	128	231513	45.052	ng/u1	96
32) 4-Chloroaniline	11.207	127	90214	39.454	ng/u1	99
33) Hexachlorobutadiene	11.389	225	49801	41.479	ng/u1	97
34) Caprolactam	11.965	113	4618m	8.158	ng/u1	
35) 4-Chloro-3-methylphenol	12.323	107	77343	45.511	ng/u1	94
36) 2-Methylnaphthalene	12.699	142	172913	46.959	ng/u1	100

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37) 1-Methylnaphthalene	12.917	142	177640	47.406	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.069	216	110095	44.760	ng/ul	97
40) Hexachlorocyclopentadiene	13.046	237	37269	31.300	ng/ul	96
41) 2,4,6-Trichlorophenol	13.304	196	69616	47.194	ng/ul	98
42) 2,4,5-Trichlorophenol	13.381	196	74541	47.409	ng/ul	95
43) 1,1'-Biphenyl	13.698	154	254171	45.610	ng/ul#	93
44) 2-Chloronaphthalene	13.745	162	194311	45.849	ng/ul	97
45) 2-Nitroaniline	13.939	65	70153	50.682	ng/ul#	88
47) Dimethylphthalate	14.303	163	278419	49.991	ng/ul	99
48) 2,6-Dinitrotoluene	14.426	165	62782	51.476	ng/ul	88
50) Acenaphthylene	14.585	152	330392	47.007	ng/ul	97
51) 3-Nitroaniline	14.761	138	58520	58.918	ng/ul	98
52) Acenaphthene	14.926	153	223628	48.379	ng/ul	96
53) 2,4-Dinitrophenol	14.973	184	31574	52.353	ng/ul#	79
55) 4-Nitrophenol	15.073	109	11753m	13.380	ng/ul	
56) Dibenzofuran	15.261	168	326830	49.185	ng/ul	97
57) 2,4-Dinitrotoluene	15.214	165	95107	53.834	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.490	232	73517	51.591	ng/ul#	84
59) Diethylphthalate	15.660	149	292954	52.035	ng/ul	96
61) Fluorene	15.907	166	277668	49.676	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.895	204	146733	48.236	ng/ul	91
63) 4-Nitroaniline	15.924	138	61252	64.229	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.989	198	54363	52.640	ng/ul#	89
67) N-Nitrosodiphenylamine	16.106	169	250427	52.888	ng/ul	94
68) 4-Bromophenyl-phenylether	16.788	248	106580	52.839	ng/ul#	86
69) Hexachlorobenzene	16.923	284	121524	52.507	ng/ul#	86
70) Atrazine	17.046	200	107664	51.592	ng/ul	99
71) Pentachlorophenol	17.264	266	55359m	53.105	ng/ul	
72) Phenanthrene	17.657	178	483611	53.429	ng/ul	98
74) Anthracene	17.745	178	472116	51.824	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.669	216	119637	45.002	ng/uL	100
76) Pentachlorobenzene	15.184	250	133577	52.628	ng/uL	98
77) Carbazole	18.016	167	438889	54.242	ng/ul	98
78) Di-n-butylphthalate	18.550	149	509275	52.923	ng/ul	99
80) Fluoranthene	19.660	202	612749	53.834	ng/ul#	91
82) Pyrene	20.025	202	592752	52.442	ng/ul#	90
83) Butylbenzylphthalate	20.888	149	217629	53.261	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.811	252	183531	50.428	ng/ul#	95
85) Benzo(a)anthracene	21.910	228	595029	53.299	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.781	149	306971	53.596	ng/ul#	98
87) Chrysene	21.981	228	571889	53.433	ng/ul	98
89) Di-n-octyl phthalate	23.074	149	521246	54.690	ng/ul	100
90) Benzo(b)fluoranthene	24.284	252	627720	54.624	ng/ul#	96
91) Benzo(k)fluoranthene	24.360	252	588114	55.485	ng/ul#	96
93) Benzo(a)pyrene	25.229	252	598213	55.336	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.389	276	698119	56.790	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.447	278	586287	55.870	ng/ul#	95
96) Benzo(g,h,i)perylene	30.646	276	584576	56.638	ng/ul#	92

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

