

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051196.D
 Acq On : 24 Nov 2021 00:02
 Operator : CG/JU
 Sample : M4780-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLQ4MSD

Quant Time: Nov 24 06:56:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :mohammad ahmed 11/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	28507	20.000	ng/u1	0.00
20) Naphthalene-d8	11.026	136	127956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	84166	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.577	188	178805	20.000	ng/u1	0.00
79) Chrysene-d12	21.878	240	156410	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	155720	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	2091	2.549	ng/uL	0.00
4) Pyridine-d5	3.976	84	19271	8.006	ng/u1	0.00
7) Phenol-d5	7.354	99	51677	18.342	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	32497	18.365	ng/u1	0.00
11) 2-Chlorophenol-d4	7.730	132	38586	19.019	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	39720	17.470	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	20338	18.829	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	22666	18.603	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	41727	20.184	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	42427	14.026	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	133943	20.683	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	167928	20.564	ng/u1	0.00
54) 4-Nitrophenol-d4	15.045	143	19310	18.421	ng/u1	0.00
60) Fluorene-d10	15.821	176	123180	21.122	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	23651	21.436	ng/u1	0.00
73) Anthracene-d10	17.677	188	187893	21.972	ng/u1	0.00
81) Pyrene-d10	19.957	212	213928	22.604	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.045	264	184519	22.187	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	6420m	6.939	ng/uL	
5) Pyridine	3.993	79	32118	12.823	ng/u1	99
6) Benzaldehyde	7.336	77	37754	21.042	ng/u1	94
8) Phenol	7.383	94	67096	22.988	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.607	93	46007	20.835	ng/u1	97
12) 2-Chlorophenol	7.759	128	45125	21.826	ng/u1	96
13) 2-Methylphenol	8.647	108	44430	20.436	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.711	45	67626	21.223	ng/u1	99
16) Acetophenone	9.028	105	74188	21.096	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.999	70	42589	21.074	ng/u1	99
18) 4-Methylphenol	8.976	108	50373	21.668	ng/u1	93
19) Hexachloroethane	9.287	117	18317	20.975	ng/u1	95
22) Nitrobenzene	9.416	77	60784	21.461	ng/u1	95
23) Isophorone	9.933	82	119083	21.641	ng/u1	99
25) 2-Nitrophenol	10.133	139	27405	21.715	ng/u1	99
26) 2,4-Dimethylphenol	10.180	107	43644	16.914	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.415	93	65407	21.532	ng/u1	99
29) 2,4-Dichlorophenol	10.674	162	45821	22.516	ng/u1	99
30) Naphthalene	11.079	128	151129	21.707	ng/u1	98
32) 4-Chloroaniline	11.191	127	53108	17.489	ng/u1	98
33) Hexachlorobutadiene	11.343	225	30112	21.453	ng/u1	96
34) Caprolactam	11.949	113	17276	21.594	ng/u1	95
35) 4-Chloro-3-methylphenol	12.301	107	58040	23.743	ng/u1	98
36) 2-Methylnaphthalene	12.671	142	105787	22.338	ng/u1	98

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37) 1-Methylnaphthalene	12.889	142	105161	21.584	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	59985	22.702	ng/ul	96
40) Hexachlorocyclopentadiene	13.000	237	8580	8.034	ng/ul	94
41) 2,4,6-Trichlorophenol	13.271	196	40450	24.395	ng/ul	96
42) 2,4,5-Trichlorophenol	13.353	196	45922	26.447	ng/ul	95
43) 1,1'-Biphenyl	13.664	154	141667	22.536	ng/ul	98
44) 2-Chloronaphthalene	13.717	162	113637	22.725	ng/ul	99
45) 2-Nitroaniline	13.917	65	41903	24.212	ng/ul	94
47) Dimethylphthalate	14.269	163	151514	23.114	ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	33182	24.099	ng/ul	93
50) Acenaphthylene	14.557	152	185309	22.968	ng/ul	97
51) 3-Nitroaniline	14.739	138	30659	22.526	ng/ul	99
52) Acenaphthene	14.892	153	123592	23.228	ng/ul	96
53) 2,4-Dinitrophenol	14.957	184	14569	19.142	ng/ul	93
55) 4-Nitrophenol	15.057	109	22447	24.684	ng/ul	91
56) Dibenzofuran	15.227	168	178428	23.249	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	48278	24.549	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.456	232	34865	25.569	ng/ul	96
59) Diethylphthalate	15.627	149	165527	24.057	ng/ul	99
61) Fluorene	15.879	166	145666	23.695	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.856	204	76771	23.173	ng/ul	98
63) 4-Nitroaniline	15.909	138	30577	23.086	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.962	198	26455	24.862	ng/ul	96
67) N-Nitrosodiphenylamine	16.073	169	131481	25.686	ng/ul	97
68) 4-Bromophenyl-phenylether	16.755	248	48124	25.112	ng/ul	93
69) Hexachlorobenzene	16.878	284	48968	25.060	ng/ul	96
70) Atrazine	17.019	200	53144	24.703	ng/ul	99
71) Pentachlorophenol	17.237	266	17388	20.082	ng/ul	97
72) Phenanthrene	17.624	178	256372	25.968	ng/ul	99
74) Anthracene	17.712	178	241770	24.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.635	216	62646	24.020	ng/uL	96
76) Pentachlorobenzene	15.145	250	58860	24.221	ng/uL	99
77) Carbazole	17.989	167	220127	25.577	ng/ul	99
78) Di-n-butylphthalate	18.512	149	287697	25.925	ng/ul	99
80) Fluoranthene	19.622	202	316390	27.219	ng/ul	99
82) Pyrene	19.986	202	309919	27.256	ng/ul	97
83) Butylbenzylphthalate	20.850	149	121973	25.803	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.767	252	45284	12.435	ng/ul	98
85) Benzo(a)anthracene	21.860	228	282649	26.643	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.720	149	182900	26.888	ng/ul	98
87) Chrysene	21.931	228	267437	26.242	ng/ul	100
89) Di-n-octyl phthalate	22.983	149	297137	26.339	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	280872	26.727	ng/ul	99
91) Benzo(k)fluoranthene	24.264	252	250515	25.403	ng/ul	99
93) Benzo(a)pyrene	25.116	252	260911	26.024	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.193	276	295675	26.354	ng/ul	96
95) Dibenzo(a,h)anthracene	29.252	278	246431	25.891	ng/ul	96
96) Benzo(g,h,i)perylene	30.415	276	197401	20.913	ng/ul	93

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

