

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022522\
 Data File : BG052487.D
 Acq On : 25 Feb 2022 12:48
 Operator : CG/JU
 Sample : N1331-02
 Misc : SFAM-MDL-WATER02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Feb 25 13:59:18 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 02/25/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	23000	20.000	ng/u1	0.01
20) Naphthalene-d8	11.074	136	98450	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.875	164	73363	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.624	188	187846	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.942	240	206465	20.000	ng/u1	# 0.00
88) Perylene-d12	25.414	264	202759	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	2348	4.005	ng/uL	0.00
4) Pyridine-d5	3.984	84	22117	12.504	ng/u1	0.00
7) Phenol-d5	7.379	99	31125	14.271	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.544	67	18847	14.787	ng/u1	0.01
11) 2-Chlorophenol-d4	7.767	132	22240	14.518	ng/u1	0.02
15) 4-Methylphenol-d8	8.942	113	23637	13.929	ng/u1	0.00
21) Nitrobenzene-d5	9.412	128	12164	14.493	ng/u1	0.01
24) 2-Nitrophenol-d4	10.140	143	12891	14.023	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.692	165	22975	13.402	ng/u1	0.02
31) 4-Chloroaniline-d4	11.198	131	32475	13.670	ng/u1	0.00
46) Dimethylphthalate-d6	14.264	166	89792	15.056	ng/u1	0.00
49) Acenaphthylene-d8	14.570	160	109803	14.914	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	10847m	11.441	ng/u1	0.00
60) Fluorene-d10	15.868	176	80149	15.298	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.974	200	12421	10.428	ng/u1	0.00
73) Anthracene-d10	17.724	188	137162	15.114	ng/u1	0.00
81) Pyrene-d10	20.003	212	174426	14.438	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.173	264	160270	14.734	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.584	88	1254m	1.838	ng/uL	
5) Pyridine	4.013	79	8768	4.910	ng/u1	95
6) Benzaldehyde	7.362	77	6137	4.955	ng/u1	91
8) Phenol	7.409	94	9891	4.484	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.638	93	8062	4.941	ng/u1	95
12) 2-Chlorophenol	7.796	128	7903	4.952	ng/u1	94
13) 2-Methylphenol	8.678	108	7008	4.197	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.760	45	11364	5.089	ng/u1	94
16) Acetophenone	9.065	105	12946	4.952	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.036	70	6750	4.386	ng/u1	98
18) 4-Methylphenol	9.007	108	7855	4.423	ng/u1	92
19) Hexachloroethane	9.335	117	2977	4.771	ng/u1#	82
22) Nitrobenzene	9.447	77	11043	5.133	ng/u1	90
23) Isophorone	9.976	82	18867	4.546	ng/u1	97
25) 2-Nitrophenol	10.176	139	4477	4.634	ng/u1#	87
26) 2,4-Dimethylphenol	10.228	107	8759	4.408	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.452	93	10518	4.682	ng/u1	94
29) 2,4-Dichlorophenol	10.716	162	7424	4.578	ng/u1	98
30) Naphthalene	11.127	128	26634	4.863	ng/u1#	92
32) 4-Chloroaniline	11.227	127	11093	4.552	ng/u1	96
33) Hexachlorobutadiene	11.409	225	6013	4.699	ng/u1	98
34) Caprolactam	11.973	113	2696m	4.469	ng/u1	
35) 4-Chloro-3-methylphenol	12.343	107	8093m	4.468	ng/u1	
36) 2-Methylnaphthalene	12.719	142	18722	4.770	ng/u1	94

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37) 1-Methylnaphthalene	12.936	142	19835	4.966	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.089	216	12490	4.851	ng/ul	96
40) Hexachlorocyclopentadiene	13.066	237	5033	4.038	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.318	196	5664m	3.668	ng/ul	
42) 2,4,5-Trichlorophenol	13.406	196	6573m	3.994	ng/ul	
43) 1,1'-Biphenyl	13.712	154	27084	4.643	ng/ul#	96
44) 2-Chloronaphthalene	13.759	162	21050	4.745	ng/ul	93
45) 2-Nitroaniline	13.959	65	6238	4.305	ng/ul	91
47) Dimethylphthalate	14.311	163	27495	4.716	ng/ul	98
48) 2,6-Dinitrotoluene	14.434	165	5514	4.319	ng/ul#	85
50) Acenaphthylene	14.599	152	35393	4.811	ng/ul	94
51) 3-Nitroaniline	14.775	138	4412	4.244	ng/ul#	97
52) Acenaphthene	14.940	153	22720	4.696	ng/ul	96
53) 2,4-Dinitrophenol	14.993	184	2340m	3.707	ng/ul	
55) 4-Nitrophenol	15.081	109	4788	5.207	ng/ul	94
56) Dibenzofuran	15.274	168	34014	4.890	ng/ul	94
57) 2,4-Dinitrotoluene	15.227	165	8436	4.562	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.498	232	5575m	3.738	ng/ul	
59) Diethylphthalate	15.668	149	28349	4.810	ng/ul	97
61) Fluorene	15.921	166	28818	4.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.903	204	14792	4.645	ng/ul	93
63) 4-Nitroaniline	15.932	138	3610m	3.616	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.991	198	5967	5.169	ng/ul#	91
67) N-Nitrosodiphenylamine	16.115	169	24149	4.563	ng/ul	97
68) 4-Bromophenyl-phenylether	16.796	248	10563	4.685	ng/ul#	81
69) Hexachlorobenzene	16.931	284	12217	4.722	ng/ul	95
70) Atrazine	17.054	200	10286	4.410	ng/ul#	96
71) Pentachlorophenol	17.284	266	5569m	4.779	ng/ul	
72) Phenanthrene	17.665	178	49446	4.887	ng/ul	99
74) Anthracene	17.753	178	50407	4.950	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.683	216	13538	4.556	ng/ul	95
76) Pentachlorobenzene	15.198	250	13134	4.630	ng/ul	97
77) Carbazole	18.024	167	43523	4.812	ng/ul	98
78) Di-n-butylphthalate	18.564	149	49668	4.618	ng/ul	99
80) Fluoranthene	19.669	202	65163	4.569	ng/ul#	91
82) Pyrene	20.033	202	68112	4.809	ng/ul#	88
83) Butylbenzylphthalate	20.896	149	21041	4.109	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.824	252	20049	4.396	ng/ul	98
85) Benzo(a)anthracene	21.918	228	66381	4.745	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.795	149	29818	4.154	ng/ul#	97
87) Chrysene	21.989	228	65272	4.867	ng/ul	96
89) Di-n-octyl phthalate	23.087	149	51006	4.350	ng/ul	100
90) Benzo(b)fluoranthene	24.298	252	65606	4.641	ng/ul#	95
91) Benzo(k)fluoranthene	24.368	252	61456m	4.713	ng/ul	
93) Benzo(a)pyrene	25.243	252	62258	4.681	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.414	276	67755m	4.480	ng/ul	
95) Dibenzo(a,h)anthracene	29.479	278	57917	4.487	ng/ul#	93
96) Benzo(g,h,i)perylene	30.665	276	58603m	4.616	ng/ul	

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

