

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
 Data File : BM034113.D
 Acq On : 02 Mar 2022 12:10
 Operator : CG/JU
 Sample : N1331-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 02 12:44:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
 Supervised By :mohammad ahmed 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	122391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	445494	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.636	164	291650	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.371	188	608451	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.542	240	639140	20.000	ng/u1	# 0.00
88) Perylene-d12	23.994	264	703357	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	14727	5.548	ng/uL	0.00
4) Pyridine-d5	3.790	84	164805	23.627	ng/u1	0.00
7) Phenol-d5	7.143	99	198479	22.706	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	115050	23.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	182137	24.170	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	163031	21.912	ng/u1	0.00
21) Nitrobenzene-d5	9.154	128	82816	24.611	ng/u1	0.00
24) 2-Nitrophenol-d4	9.884	143	91144	23.829	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	181764	23.482	ng/u1	0.00
31) 4-Chloroaniline-d4	10.937	131	225509	23.101	ng/u1	0.00
46) Dimethylphthalate-d6	14.036	166	545261	24.710	ng/u1	0.00
49) Acenaphthylene-d8	14.330	160	665613	24.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	78844	20.860	ng/u1	0.00
60) Fluorene-d10	15.624	176	463626	24.308	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	79611	20.041	ng/u1	0.00
73) Anthracene-d10	17.471	188	729380	24.790	ng/u1	0.00
81) Pyrene-d10	19.759	212	825386	23.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.836	264	886173	24.723	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	3041	1.167	ng/uL#	76
5) Pyridine	3.813	79	29482	4.142	ng/u1	96
6) Benzaldehyde	7.125	77	23508	4.736	ng/u1#	81
8) Phenol	7.172	94	34245	4.013	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.413	93	28678	4.266	ng/u1	86
12) 2-Chlorophenol	7.554	128	31338	4.190	ng/u1#	82
13) 2-Methylphenol	8.437	108	24446	3.645	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.525	45	30636	4.177	ng/u1#	91
16) Acetophenone	8.819	105	45455	3.929	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.807	70	20088	3.806	ng/u1#	89
18) 4-Methylphenol	8.760	108	28535	3.923	ng/u1	100
19) Hexachloroethane	9.090	117	12970	4.141	ng/u1#	58
22) Nitrobenzene	9.195	77	32458	4.497	ng/u1#	89
23) Isophorone	9.731	82	52489	3.944	ng/u1#	89
25) 2-Nitrophenol	9.913	139	16945	4.291	ng/u1#	78
26) 2,4-Dimethylphenol	9.978	107	32806	4.148	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.213	93	34523	4.279	ng/u1#	94
29) 2,4-Dichlorophenol	10.454	162	31474	4.234	ng/u1#	86
30) Naphthalene	10.860	128	98814	4.426	ng/u1	99
32) 4-Chloroaniline	10.966	127	40502	4.197	ng/u1	99
33) Hexachlorobutadiene	11.160	225	25584	4.481	ng/u1	95
34) Caprolactam	11.731	113	8041m	3.983	ng/u1	
35) 4-Chloro-3-methylphenol	12.083	107	25598	3.677	ng/u1#	81
36) 2-Methylnaphthalene	12.472	142	67181	4.122	ng/u1	98

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37) 1-Methylnaphthalene	12.689	142	62340	3.774	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.836	216	43849	4.526	ng/ul#	95
40) Hexachlorocyclopentadiene	12.825	237	28336	4.288	ng/ul	97
41) 2,4,6-Trichlorophenol	13.072	196	22604	3.819	ng/ul	95
42) 2,4,5-Trichlorophenol	13.136	196	25286	3.884	ng/ul	97
43) 1,1'-Biphenyl	13.472	154	95843	4.458	ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	75999	4.550	ng/ul	94
45) 2-Nitroaniline	13.707	65	12873	3.424	ng/ul#	70
47) Dimethylphthalate	14.083	163	95509	4.471	ng/ul	99
48) 2,6-Dinitrotoluene	14.201	165	14962	3.579	ng/ul#	79
50) Acenaphthylene	14.354	152	117096	4.436	ng/ul	97
51) 3-Nitroaniline	14.525	138	14173	3.485	ng/ul#	73
52) Acenaphthene	14.695	153	76153	4.348	ng/ul	97
53) 2,4-Dinitrophenol	14.730	184	13415	4.837	ng/ul#	70
55) 4-Nitrophenol	14.819	109	13820	4.017	ng/ul#	83
56) Dibenzofuran	15.030	168	115501	4.490	ng/ul	93
57) 2,4-Dinitrotoluene	14.983	165	21819	3.592	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.254	232	21162	3.757	ng/ul#	88
59) Diethylphthalate	15.448	149	88622	4.155	ng/ul	98
61) Fluorene	15.677	166	92433	4.308	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.671	204	49566	4.320	ng/ul	95
63) 4-Nitroaniline	15.677	138	15294m	3.676	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.742	198	15229	3.923	ng/ul#	97
67) N-Nitrosodiphenylamine	15.877	169	74093	4.194	ng/ul	99
68) 4-Bromophenyl-phenylether	16.566	248	28023	4.221	ng/ul#	87
69) Hexachlorobenzene	16.683	284	36249	4.502	ng/ul#	90
70) Atrazine	16.824	200	30118	4.154	ng/ul	95
71) Pentachlorophenol	17.024	266	24170	4.610	ng/ul	92
72) Phenanthrene	17.413	178	146276	4.432	ng/ul	99
74) Anthracene	17.507	178	147583	4.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.436	216	40703	4.238	ng/ul	95
76) Pentachlorobenzene	14.954	250	42700	4.494	ng/ul	92
77) Carbazole	17.771	167	113695	3.903	ng/ul	99
78) Di-n-butylphthalate	18.342	149	125485	3.695	ng/ul	99
80) Fluoranthene	19.424	202	163937	4.118	ng/ul#	90
82) Pyrene	19.783	202	176911	4.302	ng/ul#	89
83) Butylbenzylphthalate	20.683	149	48064	3.315	ng/ul#	75
84) 3,3'-Dichlorobenzidine	21.459	252	51287	3.785	ng/ul#	98
85) Benzo(a)anthracene	21.530	228	168964	4.325	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.459	149	75088	3.359	ng/ul	98
87) Chrysene	21.583	228	169555	4.420	ng/ul	99
89) Di-n-octyl phthalate	22.400	149	122307	2.826	ng/ul	100
90) Benzo(b)fluoranthene	23.242	252	184565	4.138	ng/ul#	95
91) Benzo(k)fluoranthene	23.295	252	170670	4.065	ng/ul#	96
93) Benzo(a)pyrene	23.883	252	183092	4.288	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.553	276	228044	4.799	ng/ul	97
95) Dibenzo(a,h)anthracene	26.565	278	197399	4.798	ng/ul	96
96) Benzo(g,h,i)perylene	27.330	276	193719	4.826	ng/ul#	95

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

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