

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
 Data File : BM034102.D
 Acq On : 01 Mar 2022 11:15
 Operator : CG/JU
 Sample : N1331-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Mar 01 11:54:04 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 03/01/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	131456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	489331	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.631	164	326827	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.372	188	682441	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.542	240	688576	20.000	ng/u1	# 0.00
88) Perylene-d12	23.989	264	741050	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	10983	3.852	ng/uL	0.00
4) Pyridine-d5	3.796	84	103940	13.874	ng/u1	0.00
7) Phenol-d5	7.143	99	129057	13.746	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	74371	14.269	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	116339	14.374	ng/u1	0.00
15) 4-Methylphenol-d8	8.696	113	108417	13.567	ng/u1	0.00
21) Nitrobenzene-d5	9.155	128	54405	14.719	ng/u1	0.00
24) 2-Nitrophenol-d4	9.884	143	59560	14.176	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	119568	14.063	ng/u1	0.00
31) 4-Chloroaniline-d4	10.937	131	150022	13.991	ng/u1	0.00
46) Dimethylphthalate-d6	14.037	166	375263	15.175	ng/u1	0.00
49) Acenaphthylene-d8	14.325	160	451231	14.983	ng/u1	0.00
54) 4-Nitrophenol-d4	14.801	143	51957	12.267	ng/u1	0.00
60) Fluorene-d10	15.619	176	321268	15.031	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.725	200	52638	11.814	ng/u1	0.00
73) Anthracene-d10	17.472	188	490773	14.872	ng/u1	0.00
81) Pyrene-d10	19.754	212	550507	14.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.830	264	569593	15.082	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	4688	1.675	ng/uL#	80
5) Pyridine	3.814	79	37600	4.918	ng/u1	88
6) Benzaldehyde	7.125	77	23306	4.371	ng/u1#	81
8) Phenol	7.172	94	39793	4.341	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.408	93	31520	4.366	ng/u1	89
12) 2-Chlorophenol	7.555	128	36752	4.575	ng/u1#	80
13) 2-Methylphenol	8.437	108	27908	3.874	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.531	45	35696	4.531	ng/u1#	84
16) Acetophenone	8.819	105	51805	4.169	ng/u1#	82
17) N-Nitroso-di-n-propyla...	8.802	70	22451	3.961	ng/u1#	86
18) 4-Methylphenol	8.760	108	31525	4.035	ng/u1	95
19) Hexachloroethane	9.090	117	15097	4.488	ng/u1#	62
22) Nitrobenzene	9.196	77	37665	4.751	ng/u1#	87
23) Isophorone	9.731	82	60668	4.150	ng/u1#	86
25) 2-Nitrophenol	9.913	139	19132	4.411	ng/u1#	74
26) 2,4-Dimethylphenol	9.972	107	38479	4.429	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.213	93	41041	4.631	ng/u1#	98
29) 2,4-Dichlorophenol	10.454	162	36224	4.436	ng/u1#	90
30) Naphthalene	10.860	128	115986	4.730	ng/u1	98
32) 4-Chloroaniline	10.960	127	47467	4.478	ng/u1	99
33) Hexachlorobutadiene	11.160	225	29991	4.782	ng/u1	95
34) Caprolactam	11.725	113	7631	3.441	ng/u1#	45
35) 4-Chloro-3-methylphenol	12.078	107	30035	3.928	ng/u1#	71
36) 2-Methylnaphthalene	12.466	142	78668	4.395	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.684	142	82265	4.534	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.837	216	50683	4.668	ng/ul#	92
40) Hexachlorocyclopentadiene	12.825	237	39062	5.275	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.066	196	28323	4.270	ng/ul	99
42) 2,4,5-Trichlorophenol	13.137	196	31506	4.319	ng/ul	97
43) 1,1'-Biphenyl	13.472	154	113510	4.712	ng/ul#	96
44) 2-Chloronaphthalene	13.513	162	87509	4.675	ng/ul	95
45) 2-Nitroaniline	13.707	65	15829	3.757	ng/ul#	62
47) Dimethylphthalate	14.084	163	112119	4.684	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	18044	3.852	ng/ul#	84
50) Acenaphthylene	14.354	152	138437	4.680	ng/ul	99
51) 3-Nitroaniline	14.519	138	14105	3.095	ng/ul#	68
52) Acenaphthene	14.695	153	90408	4.606	ng/ul	99
53) 2,4-Dinitrophenol	14.725	184	12423	3.997	ng/ul#	70
55) 4-Nitrophenol	14.819	109	15752	4.086	ng/ul#	80
56) Dibenzofuran	15.031	168	136047	4.719	ng/ul	92
57) 2,4-Dinitrotoluene	14.978	165	26311	3.865	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.248	232	25492	4.038	ng/ul	90
59) Diethylphthalate	15.442	149	104456	4.371	ng/ul	96
61) Fluorene	15.678	166	108899	4.530	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.666	204	59084	4.595	ng/ul	91
63) 4-Nitroaniline	15.678	138	12797m	2.745	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.736	198	16472	3.783	ng/ul#	90
67) N-Nitrosodiphenylamine	15.878	169	90910	4.588	ng/ul	97
68) 4-Bromophenyl-phenylether	16.560	248	33908	4.554	ng/ul	91
69) Hexachlorobenzene	16.683	284	42838	4.744	ng/ul#	87
70) Atrazine	16.825	200	33203	4.083	ng/ul	97
71) Pentachlorophenol	17.019	266	23148	3.937	ng/ul	95
72) Phenanthrene	17.413	178	169094	4.568	ng/ul	100
74) Anthracene	17.507	178	167918	4.479	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.437	216	55031	5.109	ng/uL	98
76) Pentachlorobenzene	14.954	250	53404	5.012	ng/uL	99
77) Carbazole	17.766	167	132913	4.068	ng/ul	97
78) Di-n-butylphthalate	18.342	149	149667	3.929	ng/ul	98
80) Fluoranthene	19.424	202	188871	4.404	ng/ul#	90
82) Pyrene	19.783	202	202603	4.573	ng/ul#	88
83) Butylbenzylphthalate	20.677	149	57955	3.710	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.454	252	51971	3.560	ng/ul	94
85) Benzo(a)anthracene	21.524	228	194657	4.625	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.460	149	91441	3.797	ng/ul#	99
87) Chrysene	21.583	228	195995	4.742	ng/ul	100
89) Di-n-octyl phthalate	22.401	149	149760	3.284	ng/ul	100
90) Benzo(b)fluoranthene	23.242	252	205380	4.370	ng/ul#	97
91) Benzo(k)fluoranthene	23.295	252	197503	4.465	ng/ul#	96
93) Benzo(a)pyrene	23.883	252	199440	4.433	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.536	276	249871	4.990	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.565	278	218204	5.034	ng/ul	96
96) Benzo(g,h,i)perylene	27.330	276	210948	4.988	ng/ul	97

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

