

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010423\
 Data File : BP013386.D
 Acq On : 04 Jan 2023 12:31
 Operator : CG/JU
 Sample : N5388-02
 Misc : SFAM-MDL-W-02-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Jan 05 04:05:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 04:02:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	564617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	2342355	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1573775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	3524781	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	3117439	20.000	ng/u1	0.01
88) Perylene-d12	23.886	264	2734712	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	65153	4.934	ng/uL	0.00
4) Pyridine-d5	3.752	84	546619	14.572	ng/u1	0.00
7) Phenol-d5	7.093	99	867285	18.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	575173	20.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	690593	19.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	682769	18.119	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	325217	18.897	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	360656	18.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	695856	18.490	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	967614	18.213	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	2207008	18.247	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	2447564	18.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	351273	16.145	ng/u1	0.00
60) Fluorene-d10	15.569	176	1945987	19.018	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	356493	15.716	ng/u1	0.00
73) Anthracene-d10	17.434	188	3044576	19.146	ng/u1	0.00
81) Pyrene-d10	19.663	212	3584398	20.031	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	2581831	18.941	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	21011	1.524	ng/uL#	91
5) Pyridine	3.775	79	151004	4.050	ng/u1#	71
6) Benzaldehyde	7.069	77	102040	5.666	ng/u1	97
8) Phenol	7.116	94	230962	4.967	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.352	93	191295	5.012	ng/u1	94
12) 2-Chlorophenol	7.493	128	184629	4.973	ng/u1	96
13) 2-Methylphenol	8.375	108	159458	4.399	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	305695m	5.837	ng/u1	
16) Acetophenone	8.758	105	287826	4.982	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.740	70	140503	4.836	ng/u1	91
18) 4-Methylphenol	8.705	108	182235	4.538	ng/u1	97
19) Hexachloroethane	9.016	117	72772	4.905	ng/u1	97
22) Nitrobenzene	9.140	77	217218	5.379	ng/u1	93
23) Isophorone	9.669	82	367484	4.500	ng/u1	97
25) 2-Nitrophenol	9.857	139	98661	4.700	ng/u1	88
26) 2,4-Dimethylphenol	9.910	107	200494	4.895	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.152	93	255087	4.885	ng/u1	98
29) 2,4-Dichlorophenol	10.393	162	182533	4.951	ng/u1	98
30) Naphthalene	10.793	128	612518	5.000	ng/u1	99
32) 4-Chloroaniline	10.905	127	250770	4.770	ng/u1	98
33) Hexachlorobutadiene	11.075	225	130741	5.165	ng/u1	99
34) Caprolactam	11.710	113	47988m	3.818	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	164237	4.366	ng/u1	98
36) 2-Methylnaphthalene	12.399	142	402819	4.793	ng/u1	100

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37) 1-Methylnaphthalene	12.622	142	318662	3.687	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	250412	4.941	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	128040	3.883	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	138289	4.246	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	154603	4.419	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	566550	4.793	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	444079	4.774	ng/ul	98
45) 2-Nitroaniline	13.663	65	98953	4.387	ng/ul	86
47) Dimethylphthalate	14.028	163	559017	4.663	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	84357	3.786	ng/ul#	86
50) Acenaphthylene	14.298	152	687624	4.812	ng/ul	99
51) 3-Nitroaniline	14.487	138	82287	3.912	ng/ul	87
52) Acenaphthene	14.640	153	470921	4.756	ng/ul	98
53) 2,4-Dinitrophenol	14.693	184	71677	4.707	ng/ul#	86
55) 4-Nitrophenol	14.787	109	69580	4.687	ng/ul	83
56) Dibenzofuran	14.975	168	691138	4.909	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	132034	4.080	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.204	232	135834	4.255	ng/ul	98
59) Diethylphthalate	15.393	149	508339	4.362	ng/ul	99
61) Fluorene	15.628	166	556570	4.930	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	292985	4.907	ng/ul	100
63) 4-Nitroaniline	15.645	138	82962m	4.482	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	117216	5.288	ng/ul#	81
67) N-Nitrosodiphenylamine	15.834	169	457165	4.678	ng/ul	100
68) 4-Bromophenyl-phenylether	16.516	248	173057	4.521	ng/ul	99
69) Hexachlorobenzene	16.634	284	210956	4.641	ng/ul	95
70) Atrazine	16.787	200	141270	3.710	ng/ul	100
71) Pentachlorophenol	16.981	266	118126	4.292	ng/ul	97
72) Phenanthrene	17.375	178	894839	4.874	ng/ul	99
74) Anthracene	17.469	178	885976	4.833	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	196733	3.912	ng/uL	98
76) Pentachlorobenzene	14.893	250	190587	3.717	ng/uL	96
77) Carbazole	17.739	167	727600	4.713	ng/ul	99
78) Di-n-butylphthalate	18.281	149	719899	3.830	ng/ul	99
80) Fluoranthene	19.339	202	1018543	5.015	ng/ul	99
82) Pyrene	19.692	202	1106069	5.280	ng/ul	99
83) Butylbenzylphthalate	20.557	149	276185	3.412	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	310414	4.408	ng/ul	100
85) Benzo(a)anthracene	21.404	228	972313	4.698	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	373037	3.267	ng/ul	99
87) Chrysene	21.457	228	945669	4.832	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	526351	3.436	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	859565	4.929	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	795071	4.598	ng/ul	99
93) Benzo(a)pyrene	23.780	252	706363	4.652	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.462	276	803255	4.247	ng/ul	99
95) Dibenzo(a,h)anthracene	26.474	278	660460	4.218	ng/ul	100
96) Benzo(g,h,i)perylene	27.257	276	645657	4.252	ng/ul	99

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

