

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010323\
 Data File : BP013377.D
 Acq On : 03 Jan 2023 14:23
 Operator : CG/JU
 Sample : N5388-01
 Misc : SFAM-MDL-W-01-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Jan 04 01:07:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :Yogesh Patel 01/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	474959	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	2111043	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	1548030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	3613417	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	3724733	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	3523840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	47503	4.276	ng/uL	0.00
4) Pyridine-d5	3.752	84	343884	10.898	ng/u1	0.00
7) Phenol-d5	7.093	99	787283	20.350	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	529033	22.669	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	636627	20.904	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	639486	20.174	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	307713	19.839	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	351540	20.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	674269	19.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	966371	20.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	2369259	19.914	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2578976	19.727	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	385058	17.993	ng/u1	0.00
60) Fluorene-d10	15.575	176	2077236	20.638	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	390707	16.802	ng/u1	0.00
73) Anthracene-d10	17.439	188	3367083	20.655	ng/u1	0.00
81) Pyrene-d10	19.669	212	4114856	19.246	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	3587071	20.423	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	20261	1.747	ng/uL#	94
5) Pyridine	3.775	79	136779	4.361	ng/u1#	75
6) Benzaldehyde	7.069	77	80332	5.303	ng/u1	96
8) Phenol	7.116	94	188423	4.817	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.352	93	161820	5.040	ng/u1	94
12) 2-Chlorophenol	7.493	128	149428	4.785	ng/u1	95
13) 2-Methylphenol	8.375	108	134699	4.417	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.458	45	252419	5.730	ng/u1	97
16) Acetophenone	8.763	105	249135	5.126	ng/u1#	95
17) N-Nitroso-di-n-propyla...	8.740	70	125152	5.121	ng/u1	92
18) 4-Methylphenol	8.705	108	155287	4.597	ng/u1	95
19) Hexachloroethane	9.016	117	58858	4.716	ng/u1	95
22) Nitrobenzene	9.146	77	188141	5.169	ng/u1	94
23) Isophorone	9.669	82	332069	4.512	ng/u1	96
25) 2-Nitrophenol	9.857	139	85984	4.545	ng/u1#	89
26) 2,4-Dimethylphenol	9.916	107	172900	4.684	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.152	93	229480	4.877	ng/u1	100
29) 2,4-Dichlorophenol	10.393	162	157295	4.734	ng/u1	97
30) Naphthalene	10.793	128	529764	4.798	ng/u1	100
32) 4-Chloroaniline	10.910	127	225243	4.754	ng/u1	98
33) Hexachlorobutadiene	11.075	225	111738	4.898	ng/u1	99
34) Caprolactam	11.716	113	69490m	6.134	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	155830	4.596	ng/u1	100
36) 2-Methylnaphthalene	12.404	142	363151	4.795	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	320731	4.118	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	225920	4.532	ng/u1	99
40) Hexachlorocyclopentadiene	12.746	237	140554	4.333	ng/u1	98
41) 2,4,6-Trichlorophenol	13.010	196	130207	4.065	ng/u1	97
42) 2,4,5-Trichlorophenol	13.081	196	144317	4.194	ng/u1	97
43) 1,1'-Biphenyl	13.410	154	531306	4.570	ng/u1	99
44) 2-Chloronaphthalene	13.451	162	413240	4.516	ng/u1	99
45) 2-Nitroaniline	13.663	65	90954	4.100	ng/u1	87
47) Dimethylphthalate	14.034	163	537034	4.554	ng/u1	100
48) 2,6-Dinitrotoluene	14.157	165	82162	3.749	ng/u1	92
50) Acenaphthylene	14.298	152	641142	4.562	ng/u1	100
51) 3-Nitroaniline	14.487	138	73330	3.544	ng/u1	86
52) Acenaphthene	14.640	153	446436	4.584	ng/u1	100
53) 2,4-Dinitrophenol	14.698	184	60426	4.034	ng/u1	92
55) 4-Nitrophenol	14.792	109	70218	4.809	ng/u1	87
56) Dibenzofuran	14.975	168	655841	4.736	ng/u1	99
57) 2,4-Dinitrotoluene	14.945	165	126650	3.979	ng/u1	90
58) 2,3,4,6-Tetrachlorophenol	15.204	232	129930	4.138	ng/u1	99
59) Diethylphthalate	15.392	149	490118	4.276	ng/u1	100
61) Fluorene	15.628	166	533949	4.808	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.622	204	286203	4.873	ng/u1	98
63) 4-Nitroaniline	15.651	138	74964m	4.117	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.710	198	133180	5.861	ng/u1#	92
67) N-Nitrosodiphenylamine	15.834	169	442736	4.419	ng/u1	99
68) 4-Bromophenyl-phenylether	16.522	248	168233	4.287	ng/u1	97
69) Hexachlorobenzene	16.639	284	205001	4.400	ng/u1	98
70) Atrazine	16.792	200	127826	3.274	ng/u1	98
71) Pentachlorophenol	16.986	266	143893	5.099	ng/u1	98
72) Phenanthrene	17.381	178	875887	4.654	ng/u1	100
74) Anthracene	17.469	178	880601	4.686	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	201396	3.907	ng/uL	99
76) Pentachlorobenzene	14.898	250	202459	3.852	ng/uL	98
77) Carbazole	17.745	167	719616	4.547	ng/u1	99
78) Di-n-butylphthalate	18.281	149	732290	3.800	ng/u1	99
80) Fluoranthene	19.345	202	1039885	4.285	ng/u1	98
82) Pyrene	19.698	202	1139001	4.550	ng/u1	99
83) Butylbenzylphthalate	20.563	149	320970	3.319	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.339	252	313470	3.725	ng/u1	98
85) Benzo(a)anthracene	21.404	228	1105994	4.473	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	458720	3.363	ng/u1	98
87) Chrysene	21.463	228	1079123	4.615	ng/u1	98
89) Di-n-octyl phthalate	22.263	149	738400	3.740	ng/u1	100
90) Benzo(b)fluoranthene	23.133	252	1065863	4.743	ng/u1	100
91) Benzo(k)fluoranthene	23.186	252	988703	4.437	ng/u1	100
93) Benzo(a)pyrene	23.786	252	909593	4.649	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	975291	4.002	ng/u1	98
95) Dibenzo(a,h)anthracene	26.492	278	812875	4.028	ng/u1	99
96) Benzo(g,h,i)perylene	27.262	276	785363	4.014	ng/u1	96

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

