Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
Data File : BN023563.D
Acq On : 05 Jan 2023 10:57
Operator : CG/JU
Sample : N5388-01
Misc : SFAM-MDL-W-01-4PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 12:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 03:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	181771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	824198	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	539170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1170798	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1147359	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1166411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	19521	4.621	ng/uL	0.00
4) Pyridine-d5	3.734	84	174407	13.761	ng/ul	0.00
7) Phenol-d5	7.110	99	295492	18.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	188915	19.115	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	238419	19.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	240217	18.682	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	117201	18.858	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	128532	19.536	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	234138	18.657	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	356015	18.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	757498	18.886	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	858688	19.323	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	143723	17.602	ng/ul	0.00
60) Fluorene-d10	15.592	176	649349	18.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	117648	16.657	ng/ul	0.00
73) Anthracene-d10	17.451	188	1030962	19.678	ng/ul	0.00
81) Pyrene-d10	19.745	212	1242304	18.932	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1124107	19.488	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	5585m	1.252	ng/uL	
5) Pyridine	3.757	79	48981	3.775	ng/ul	86
6) Benzaldehyde	7.081	77	34578	5.542	ng/ul	99
8) Phenol	7.134	94	78367	4.779	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	64122	4.949	ng/ul	98
12) 2-Chlorophenol	7.504	128	62936	4.936	ng/ul	99
13) 2-Methylphenol	8.398	108	56402	4.570	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	84862	4.897	ng/ul	96
16) Acetophenone	8.781	105	97433	4.903	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	47100	4.707	ng/ul	97
18) 4-Methylphenol	8.728	108	64842	4.771	ng/ul	92
19) Hexachloroethane	9.034	117	24898	4.882	ng/ul	95
22) Nitrobenzene	9.163	77	75649	4.863	ng/ul	99
23) Isophorone	9.686	82	123557	4.392	ng/ul	98
25) 2-Nitrophenol	9.875	139	34541	4.723	ng/ul	91
26) 2,4-Dimethylphenol	9.933	107	71070	4.789	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	87935	4.819	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	61701	4.914	ng/ul	98
30) Naphthalene	10.816	128	220285	4.972	ng/ul	98
32) 4-Chloroaniline	10.928	127	93322	4.720	ng/ul	100
33) Hexachlorobutadiene	11.098	225	38680	4.980	ng/ul	97
34) Caprolactam	11.722	113	18019	4.273	ng/ul	94
35) 4-Chloro-3-methylphenol	12.051	107	62766	4.584	ng/ul	99
36) 2-Methylnaphthalene	12.427	142	147177	4.983	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	116280	3.853	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	77332	4.850	ng/ul	96
40) Hexachlorocyclopentadiene	12.775	237	39456	3.926	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	46291	4.404	ng/ul	95
42) 2,4,5-Trichlorophenol	13.104	196	52414	4.560	ng/ul	90
43) 1,1'-Biphenyl	13.433	154	198900	4.782	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	156564	4.851	ng/ul	99
45) 2-Nitroaniline	13.686	65	36539	4.106	ng/ul	99
47) Dimethylphthalate	14.057	163	190560	4.728	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	29938	3.929	ng/ul	97
50) Acenaphthylene	14.322	152	241937	4.896	ng/ul	99
51) 3-Nitroaniline	14.510	138	33334	4.366	ng/ul	96
52) Acenaphthene	14.663	153	169946	4.878	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	27110	5.444	ng/ul	97
55) 4-Nitrophenol	14.810	109	30322	4.598	ng/ul	96
56) Dibenzofuran	14.998	168	239302	4.935	ng/ul	97
57) 2,4-Dinitrotoluene	14.963	165	46656	4.195	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.221	232	43499	4.416	ng/ul	99
59) Diethylphthalate	15.421	149	187948	4.655	ng/ul	99
61) Fluorene	15.651	166	193647	4.932	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	95495	4.996	ng/ul	98
63) 4-Nitroaniline	15.668	138	34616	4.924	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.727	198	37988	5.450	ng/ul#	94
67) N-Nitrosodiphenylamine	15.857	169	159319	4.849	ng/ul	96
68) 4-Bromophenyl-phenylether	16.539	248	58767	5.008	ng/ul	95
69) Hexachlorobenzene	16.651	284	69007	5.018	ng/ul	97
70) Atrazine	16.810	200	48864	3.974	ng/ul	98
71) Pentachlorophenol	16.998	266	42916	4.890	ng/ul	95
72) Phenanthrene	17.392	178	315925	5.036	ng/ul	99
74) Anthracene	17.480	178	307314	4.922	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	61878	3.926	ng/uL	100
76) Pentachlorobenzene	14.916	250	58092	3.679	ng/uL	92
77) Carbazole	17.751	167	272328	4.804	ng/ul	100
78) Di-n-butylphthalate	18.315	149	299978	4.457	ng/ul	100
80) Fluoranthene	19.409	202	363470	4.736	ng/ul	98
82) Pyrene	19.774	202	393277	4.851	ng/ul	99
83) Butylbenzylphthalate	20.668	149	128340	3.999	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	138061	5.508	ng/ul	98
85) Benzo(a)anthracene	21.521	228	372874	4.798	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	192753	4.136	ng/ul	97
87) Chrysene	21.574	228	358974	4.926	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	295802	3.674	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	370678	4.989	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	344956	4.694	ng/ul	99
93) Benzo(a)pyrene	23.850	252	330272	5.126	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	380345	4.776	ng/ul	96
95) Dibenzo(a,h)anthracene	26.503	278	323588	4.914	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	304602	4.803	ng/ul	97

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

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