Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010623\
Data File : BP013404.D
Acq On : 06 Jan 2023 11:12
Operator : CG/JU
Sample : N4239-01
Misc : SFAM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2022-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 06 11:48:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	436760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1774693	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1165049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2636502	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	2681196	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	2883530	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	48661	4.331	ng/uL	0.00
4) Pyridine-d5	3.740	84	417662	13.327	ng/ul	0.00
7) Phenol-d5	7.081	99	607784	16.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	424238	18.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	500833	18.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	482250	17.466	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	229030	18.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	253256	18.309	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	495147	17.962	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	671009	17.278	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1630796	19.213	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1720872	18.315	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	231375	14.892	ng/ul	0.00
60) Fluorene-d10	15.563	176	1398165	18.648	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	253823	15.183	ng/ul	0.00
73) Anthracene-d10	17.428	188	2165484	18.582	ng/ul	0.00
81) Pyrene-d10	19.657	212	2694809	18.473	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	2659559	18.777	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	15242	1.232	ng/uL	94
5) Pyridine	3.764	79	104373	3.293	ng/ul#	75
6) Benzaldehyde	7.064	77	75251	5.444	ng/ul	97
8) Phenol	7.111	94	144445	3.852	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.346	93	124186	4.189	ng/ul	99
12) 2-Chlorophenol	7.481	128	115672	4.108	ng/ul	100
13) 2-Methylphenol	8.369	108	94137	3.496	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.458	45	198384	4.336	ng/ul	98
16) Acetophenone	8.752	105	177346	4.070	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.734	70	88183	4.233	ng/ul#	96
18) 4-Methylphenol	8.699	108	112573	3.804	ng/ul	98
19) Hexachloroethane	9.005	117	48805	4.302	ng/ul	97
22) Nitrobenzene	9.134	77	136617	4.142	ng/ul	99
23) Isophorone	9.663	82	223558	3.873	ng/ul	99
25) 2-Nitrophenol	9.846	139	61689	4.102	ng/ul	96
26) 2,4-Dimethylphenol	9.905	107	117731	3.752	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.146	93	162178	4.252	ng/ul	97
29) 2,4-Dichlorophenol	10.381	162	112046	4.063	ng/ul	95
30) Naphthalene	10.787	128	386527	4.094	ng/ul	99
32) 4-Chloroaniline	10.899	127	152794	3.913	ng/ul	98
33) Hexachlorobutadiene	11.069	225	87944	4.441	ng/ul	97
34) Caprolactam	11.704	113	29762m	3.627	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	96822	3.638	ng/ul	97
36) 2-Methylnaphthalene	12.393	142	248799	4.121	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	232889	3.719	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.757	216	161993	4.056	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	109519	4.558	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	84510	3.597	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	95152	3.721	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	356398	4.029	ng/ul	100
44) 2-Chloronaphthalene	13.446	162	284520	3.986	ng/ul	97
45) 2-Nitroaniline	13.651	65	51470	2.980	ng/ul	95
47) Dimethylphthalate	14.022	163	356017	4.198	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	47961	3.266	ng/ul	90
50) Acenaphthylene	14.293	152	422530	4.081	ng/ul	99
51) 3-Nitroaniline	14.481	138	45802m	2.945	ng/ul	
52) Acenaphthene	14.634	153	293564	3.961	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	44714	4.091	ng/ul	98
55) 4-Nitrophenol	14.781	109	42820	3.626	ng/ul	93
56) Dibenzofuran	14.969	168	438067	4.116	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	74692	3.422	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	84761	3.800	ng/ul	97
59) Diethylphthalate	15.387	149	320958	4.044	ng/ul	99
61) Fluorene	15.616	166	344277	4.052	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.610	204	192148	4.331	ng/ul	96
63) 4-Nitroaniline	15.645	138	45406	3.157	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.698	198	72944	4.421	ng/ul#	91
67) N-Nitrosodiphenylamine	15.828	169	277308	3.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	110177	4.034	ng/ul	98
69) Hexachlorobenzene	16.628	284	137677	4.181	ng/ul	98
70) Atrazine	16.781	200	108469	3.979	ng/ul	98
71) Pentachlorophenol	16.975	266	73592	3.755	ng/ul	96
72) Phenanthrene	17.369	178	563665	4.021	ng/ul	99
74) Anthracene	17.463	178	545321	3.939	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	146925	3.690	ng/uL	99
76) Pentachlorobenzene	14.887	250	143834	3.710	ng/uL	99
77) Carbazole	17.734	167	432239	3.604	ng/ul	99
78) Di-n-butylphthalate	18.275	149	459550	3.907	ng/ul	100
80) Fluoranthene	19.333	202	645153	3.864	ng/ul	99
82) Pyrene	19.686	202	716460	4.050	ng/ul	99
83) Butylbenzylphthalate	20.551	149	186181	3.468	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	161244	3.263	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	697940	3.931	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	268984	3.597	ng/ul	100
87) Chrysene	21.451	228	693812	4.009	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	446047	3.609	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	712653	3.908	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	711112	4.087	ng/ul	99
93) Benzo(a)pyrene	23.769	252	661837	4.134	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	841148	3.791	ng/ul	96
95) Dibenzo(a,h)anthracene	26.462	278	711188	3.843	ng/ul	100
96) Benzo(g,h,i)perylene	27.245	276	684079	3.749	ng/ul	99

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

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