Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031124\
Data File : BN030359.D
Acq On : 11 Mar 2024 12:52
Operator : MA/JU
Sample : P1601-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 00:58:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:57:34 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2024-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

03/12/2024
Supervised By :mohammad ahmed

03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	97211	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	368681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	202759	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	407400	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	361183	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	380245	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	13938	4.839	ng/uL	0.00
4) Pyridine-d5	3.675	84	153105	22.266	ng/ul	0.00
7) Phenol-d5	6.963	99	167556	19.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	93069	19.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	144531	20.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	129867	19.104	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	66604	21.651	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	69103	21.426	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	120561	20.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	167107	19.574	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	345787	21.151	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	399110	21.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	50138	17.298	ng/ul	0.00
60) Fluorene-d10	15.451	176	295440	22.030	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	45542	17.897	ng/ul	0.00
73) Anthracene-d10	17.310	188	394621	19.948	ng/ul	0.00
81) Pyrene-d10	19.622	212	447302	19.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	460828	23.138	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	2800m	1.013	ng/uL	
5) Pyridine	3.699	79	28582	4.086	ng/ul#	63
6) Benzaldehyde	6.946	77	21291m	5.296	ng/ul	
8) Phenol	6.987	94	32276	3.761	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.234	93	26285	3.832	ng/ul	99
12) 2-Chlorophenol	7.358	128	28225	3.970	ng/ul	97
13) 2-Methylphenol	8.240	108	22149	3.442	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.340	45	21743m	3.486	ng/ul	
16) Acetophenone	8.628	105	41981	3.842	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.616	70	18690	3.575	ng/ul	97
18) 4-Methylphenol	8.569	108	25101	3.692	ng/ul	94
19) Hexachloroethane	8.857	117	13280	4.021	ng/ul	96
22) Nitrobenzene	9.005	77	33323	4.198	ng/ul#	95
23) Isophorone	9.528	82	49967	3.641	ng/ul	98
25) 2-Nitrophenol	9.710	139	14537	4.184	ng/ul	99
26) 2,4-Dimethylphenol	9.769	107	19429	2.709	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.022	93	31170	3.872	ng/ul	97
29) 2,4-Dichlorophenol	10.240	162	24091	4.170	ng/ul	98
30) Naphthalene	10.640	128	89644	4.260	ng/ul	97
32) 4-Chloroaniline	10.763	127	33019	3.976	ng/ul	93
33) Hexachlorobutadiene	10.916	225	17720	4.397	ng/ul	94
34) Caprolactam	11.563	113	6493m	3.774	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	23645	3.617	ng/ul	95
36) 2-Methylnaphthalene	12.257	142	56572	4.128	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	58120	4.289	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	27917	4.360	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	20060	4.183	ng/ul	91
41) 2,4,6-Trichlorophenol	12.875	196	15934	3.922	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	17527m	3.948	ng/ul	
43) 1,1'-Biphenyl	13.281	154	72406	4.231	ng/ul	97
44) 2-Chloronaphthalene	13.322	162	56394	4.243	ng/ul	98
45) 2-Nitroaniline	13.540	65	12033	3.140	ng/ul	95
47) Dimethylphthalate	13.922	163	68722	4.136	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	11150	3.475	ng/ul#	87
50) Acenaphthylene	14.169	152	91930	4.266	ng/ul	97
51) 3-Nitroaniline	14.375	138	10372	3.299	ng/ul	83
52) Acenaphthene	14.516	153	59447	4.164	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	8595	4.767	ng/ul	90
55) 4-Nitrophenol	14.675	109	13249	4.032	ng/ul	98
56) Dibenzofuran	14.851	168	80519	4.229	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	16606	3.626	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	13516	3.783	ng/ul	93
59) Diethylphthalate	15.292	149	69911	3.937	ng/ul	98
61) Fluorene	15.504	166	65933	4.194	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	31664	4.208	ng/ul	99
63) 4-Nitroaniline	15.539	138	10924m	3.753	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	11888	4.330	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	50741	3.948	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	17649	4.043	ng/ul	95
69) Hexachlorobenzene	16.504	284	20312	4.249	ng/ul	95
70) Atrazine	16.686	200	20192	4.564	ng/ul	98
71) Pentachlorophenol	16.857	266	13899	4.297	ng/ul#	83
72) Phenanthrene	17.251	178	99041	4.168	ng/ul	99
74) Anthracene	17.345	178	96325	3.985	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	27301	4.489	ng/uL	91
76) Pentachlorobenzene	14.763	250	26974	4.756	ng/uL	94
77) Carbazole	17.628	167	78182	3.643	ng/ul	100
78) Di-n-butylphthalate	18.204	149	104420	3.501	ng/ul	99
80) Fluoranthene	19.286	202	104829	3.730	ng/ul	96
82) Pyrene	19.651	202	114991	3.981	ng/ul	98
83) Butylbenzylphthalate	20.580	149	44211	3.195	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	30376	3.870	ng/ul	90
85) Benzo(a)anthracene	21.416	228	108560	4.005	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	68505	3.270	ng/ul	98
87) Chrysene	21.469	228	104544	4.159	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	113677	3.194	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	101891	4.064	ng/ul	96
91) Benzo(k)fluoranthene	23.116	252	110925	4.284	ng/ul	98
93) Benzo(a)pyrene	23.680	252	104104	4.387	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.204	276	120899	4.284	ng/ul	98
95) Dibenzo(a,h)anthracene	26.239	278	102852	4.471	ng/ul	97
96) Benzo(g,h,i)perylene	26.939	276	102186	4.471	ng/ul	98

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

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