Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090722\
Data File : BN021622.D
Acq On : 07 Sep 2022 11:47
Operator : CG/JU
Sample : N3670-02
Misc : SFAM-MDL-WATER02-4NG
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 12:15:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/08/2022

09/07/2022
Supervised By :mohammad ahmed

09/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	216807	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	985594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	655874	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1316290	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	1180653	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	993199	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	20770	3.597	ng/uL	0.00
4) Pyridine-d5	3.793	84	272902	17.340	ng/ul	0.00
7) Phenol-d5	7.210	99	347931	17.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	224371	18.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	275856	19.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	288635	18.708	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	143942	21.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	146641	24.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	267248	20.119	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	416059	18.443	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	878784	19.603	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1053489	20.158	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	152047	17.044	ng/ul	0.00
60) Fluorene-d10	15.710	176	749230	19.208	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	112872	21.439	ng/ul	0.00
73) Anthracene-d10	17.569	188	1076123	18.552	ng/ul	0.00
81) Pyrene-d10	19.863	212	1238236	22.053	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	969364	20.591	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	6340	1.066	ng/uL	93
5) Pyridine	3.817	79	61172	3.863	ng/ul	88
6) Benzaldehyde	7.193	77	44076m	5.159	ng/ul	
8) Phenol	7.240	94	76772	3.778	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.475	93	64184	3.961	ng/ul	95
12) 2-Chlorophenol	7.616	128	60216	3.923	ng/ul	98
13) 2-Methylphenol	8.510	108	54828	3.551	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.593	45	86146	4.215	ng/ul	97
16) Acetophenone	8.893	105	98308	4.029	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.875	70	49040	4.036	ng/ul	96
18) 4-Methylphenol	8.834	108	64654	3.812	ng/ul	99
19) Hexachloroethane	9.157	117	23921	3.910	ng/ul	90
22) Nitrobenzene	9.281	77	71833	4.341	ng/ul	96
23) Isophorone	9.804	82	131987	3.873	ng/ul	99
25) 2-Nitrophenol	9.999	139	34250	4.875	ng/ul	96
26) 2,4-Dimethylphenol	10.057	107	69997	4.023	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.293	93	91563	4.291	ng/ul	98
29) 2,4-Dichlorophenol	10.534	162	58963	4.237	ng/ul	95
30) Naphthalene	10.946	128	211949	4.130	ng/ul	99
32) 4-Chloroaniline	11.057	127	92386	3.952	ng/ul	96
33) Hexachlorobutadiene	11.228	225	33635	4.195	ng/ul	90
34) Caprolactam	11.828	113	22484	4.224	ng/ul	83
35) 4-Chloro-3-methylphenol	12.175	107	62680	3.996	ng/ul	95
36) 2-Methylnaphthalene	12.551	142	144351	4.158	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	152333	4.366	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.916	216	70707	4.204	ng/ul	97
40) Hexachlorocyclopentadiene	12.893	237	35227	3.518	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.157	196	41277	3.955	ng/ul	96
42) 2,4,5-Trichlorophenol	13.222	196	47462	4.145	ng/ul	95
43) 1,1'-Biphenyl	13.551	154	204689	4.271	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	153222	4.176	ng/ul	99
45) 2-Nitroaniline	13.804	65	36095	3.922	ng/ul	93
47) Dimethylphthalate	14.169	163	186795	4.074	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	29508	3.751	ng/ul	96
50) Acenaphthylene	14.440	152	246053	4.078	ng/ul	99
51) 3-Nitroaniline	14.628	138	32401	3.697	ng/ul#	98
52) Acenaphthene	14.781	153	159370	4.088	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	14399	3.739	ng/ul	97
55) 4-Nitrophenol	14.922	109	26870	3.758	ng/ul	88
56) Dibenzofuran	15.116	168	230111	4.108	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	43886	3.841	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	36388	4.140	ng/ul	96
59) Diethylphthalate	15.528	149	182168	3.939	ng/ul	98
61) Fluorene	15.763	166	185300	4.195	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	85961	4.221	ng/ul	96
63) 4-Nitroaniline	15.787	138	33084	3.762	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.834	198	28210	5.058	ng/ul#	73
67) N-Nitrosodiphenylamine	15.969	169	153987	4.174	ng/ul	98
68) 4-Bromophenyl-phenylether	16.651	248	49937	4.266	ng/ul	99
69) Hexachlorobenzene	16.763	284	59886	4.297	ng/ul	94
70) Atrazine	16.916	200	53261	4.080	ng/ul	94
71) Pentachlorophenol	17.116	266	30198	3.892	ng/ul	94
72) Phenanthrene	17.510	178	289165	4.159	ng/ul	100
74) Anthracene	17.604	178	282112	4.075	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	72700	4.339	ng/uL	97
76) Pentachlorobenzene	15.034	250	79694	4.994	ng/uL	94
77) Carbazole	17.875	167	258275	3.948	ng/ul	97
78) Di-n-butylphthalate	18.428	149	289574	3.926	ng/ul	99
80) Fluoranthene	19.527	202	323927	4.783	ng/ul	97
82) Pyrene	19.886	202	337466	4.781	ng/ul#	91
83) Butylbenzylphthalate	20.780	149	114107	4.271	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	115002	5.109	ng/ul#	96
85) Benzo(a)anthracene	21.645	228	297956	4.191	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.557	149	165417	4.044	ng/ul#	94
87) Chrysene	21.698	228	292607	4.251	ng/ul	98
89) Di-n-octyl phthalate	22.521	149	260838	4.483	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	273234	4.522	ng/ul#	96
91) Benzo(k)fluoranthene	23.451	252	247098m	4.571	ng/ul	
93) Benzo(a)pyrene	24.068	252	246116	4.257	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.821	276	231601	3.263	ng/ul	96
95) Dibenzo(a,h)anthracene	26.845	278	201391	3.362	ng/ul#	95
96) Benzo(g,h,i)perylene	27.645	276	194296	3.137	ng/ul	96

09/07/2022
Supervised By :mohammad ahmed
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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