Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
Data File : BM036354.D
Acq On : 19 Aug 2022 11:53
Operator : CG/JU
Sample : N3670-02
Misc : MDL-WATER-4ppm
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 20 02:17:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	308741	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1384142	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	804685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1478250	20.000	ng/ul	-0.01
79) Chrysene-d12	21.362	240	1291643	20.000	ng/ul	-0.01
88) Perylene-d12	23.691	264	1323330	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	28989	3.578	ng/uL	0.00
4) Pyridine-d5	3.634	84	362313	16.218	ng/ul	0.00
7) Phenol-d5	6.975	99	488754	18.546	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	327685	19.754	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	406529	19.633	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	388974	19.768	ng/ul	-0.01
21) Nitrobenzene-d5	8.963	128	202844	19.329	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	206898	19.436	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	360840	18.971	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.745	131	550766	18.679	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	1046918	20.565	ng/ul	-0.01
49) Acenaphthylene-d8	14.133	160	1358440	21.395	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	147528	15.294	ng/ul	-0.01
60) Fluorene-d10	15.433	176	892543	19.402	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	116932	15.386	ng/ul	0.00
73) Anthracene-d10	17.280	188	1273020	19.367	ng/ul	0.00
81) Pyrene-d10	19.574	212	1322343	19.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	1250899	19.279	ng/ul	-0.01
Target Compounds						Qvalue
5) Pyridine	3.657	79	90802	3.935	ng/ul	96
6) Benzaldehyde	6.940	77	63518m	5.868	ng/ul	
8) Phenol	6.998	94	115074	4.200	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.228	93	95721	4.368	ng/ul	99
12) 2-Chlorophenol	7.357	128	92071	4.252	ng/ul	95
13) 2-Methylphenol	8.251	108	81793	4.050	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.334	45	133561	4.555	ng/ul	96
16) Acetophenone	8.628	105	139213	4.399	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.610	70	72321	4.591	ng/ul	97
18) 4-Methylphenol	8.581	108	92888	4.296	ng/ul	98
19) Hexachloroethane	8.869	117	38379	4.237	ng/ul	91
22) Nitrobenzene	9.004	77	103933	4.180	ng/ul	96
23) Isophorone	9.534	82	186021	4.213	ng/ul	97
25) 2-Nitrophenol	9.716	139	49286	4.156	ng/ul	95
26) 2,4-Dimethylphenol	9.781	107	97183	4.098	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	126331	4.395	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	81044	4.165	ng/ul	98
30) Naphthalene	10.645	128	308870	4.252	ng/ul	99
32) 4-Chloroaniline	10.769	127	121802	4.061	ng/ul	97
33) Hexachlorobutadiene	10.922	225	51786	4.236	ng/ul	97
34) Caprolactam	11.575	113	23003	3.945	ng/ul	86
35) 4-Chloro-3-methylphenol	11.904	107	76909	3.909	ng/ul	97
36) 2-Methylnaphthalene	12.263	142	191244	4.196	ng/ul	99
37) 1-Methylnaphthalene	12.480	142	203399	4.431	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.627	216	92758	4.171	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	68602	5.199	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	52306	3.737	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	52491	3.536	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	258366	4.269	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	189691	4.085	ng/ul	99
45) 2-Nitroaniline	13.539	65	44846	3.566	ng/ul	92
47) Dimethylphthalate	13.904	163	228149	4.354	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	36010	3.642	ng/ul#	79
50) Acenaphthylene	14.163	152	319579	4.268	ng/ul	98
51) 3-Nitroaniline	14.369	138	36580	3.383	ng/ul	96
52) Acenaphthene	14.504	153	205818	4.217	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	22314	4.141	ng/ul#	79
55) 4-Nitrophenol	14.680	109	35678	4.681	ng/ul	86
56) Dibenzofuran	14.839	168	287433	4.245	ng/ul	97
57) 2,4-Dinitrotoluene	14.821	165	52899	3.773	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.069	232	43902	3.895	ng/ul#	90
59) Diethylphthalate	15.263	149	227340	4.401	ng/ul	99
61) Fluorene	15.486	166	227011	4.226	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	108801	4.336	ng/ul	100
63) 4-Nitroaniline	15.527	138	36771m	3.646	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	31719	4.128	ng/ul#	85
67) N-Nitrosodiphenylamine	15.698	169	179956	4.258	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	58113	4.246	ng/ul	93
69) Hexachlorobenzene	16.480	284	68961	4.157	ng/ul	95
70) Atrazine	16.657	200	75918	5.257	ng/ul	97
71) Pentachlorophenol	16.839	266	51009	5.578	ng/ul	97
72) Phenanthrene	17.221	178	329625	4.242	ng/ul	98
74) Anthracene	17.315	178	325970	4.184	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	94500	4.261	ng/uL	99
76) Pentachlorobenzene	14.751	250	99271	4.793	ng/uL	100
77) Carbazole	17.598	167	279197	3.827	ng/ul	100
78) Di-n-butylphthalate	18.157	149	324323	4.065	ng/ul	98
80) Fluoranthene	19.239	202	332311	4.104	ng/ul	99
82) Pyrene	19.604	202	361436	4.277	ng/ul	98
83) Butylbenzylphthalate	20.509	149	123637	3.911	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.292	252	95221	3.580	ng/ul	99
85) Benzo(a)anthracene	21.350	228	321385	4.140	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	171961	3.940	ng/ul	98
87) Chrysene	21.403	228	314984	4.130	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	292382	3.717	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	329009	4.078	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	315522	4.111	ng/ul	100
93) Benzo(a)pyrene	23.586	252	336100	4.234	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.097	276	378613	4.057	ng/ul	96
95) Dibenzo(a,h)anthracene	26.115	278	325955	4.055	ng/ul	97
96) Benzo(g,h,i)perylene	26.838	276	317930	3.984	ng/ul	97

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

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