Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
Data File : BM034258.D
Acq On : 16 Mar 2022 14:25
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Quant Time: Mar 16 14:54:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	155070	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	565968	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	328869	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	611122	20.000	ng		0.00
76) Chrysene-d12	21.495	240	573784	20.000	ng		0.00
86) Perylene-d12	23.912	264	602868	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1293671	149.661	ng		0.00
7) Phenol-d6	7.107	99	1670661	134.990	ng		0.00
23) Nitrobenzene-d5	9.107	82	908702	78.170	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	599411	135.224	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	1928871	80.147	ng		0.00
79) Terphenyl-d14	19.942	244	2565399	77.689	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	13686	3.499	ng	#	91
3) Pyridine	3.778	79	30468	2.879	ng	#	91
4) n-Nitrosodimethylamine	3.672	42	19222	3.825	ng	#	86
6) Aniline	7.266	93	48921	3.459	ng		98
8) 2-Chlorophenol	7.507	128	33810	3.344	ng		94
9) Benzaldehyde	7.078	77	33701m	5.054	ng		
10) Phenol	7.131	94	40336	3.277	ng		88
11) bis(2-Chloroethyl)ether	7.366	93	33370	3.303	ng		94
12) 1,3-Dichlorobenzene	7.837	146	39361	3.432	ng		95
13) 1,4-Dichlorobenzene	7.984	146	40198	3.424	ng		98
14) 1,2-Dichlorobenzene	8.301	146	38621	3.374	ng		98
15) Benzyl Alcohol	8.184	79	27151	2.757	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.478	45	45225	3.262	ng		99
17) 2-Methylphenol	8.390	107	25640	2.974	ng		92
18) Hexachloroethane	9.037	117	14938	3.450	ng		94
19) n-Nitroso-di-n-propyla...	8.754	70	24752	2.765	ng		99
20) 3+4-Methylphenols	8.719	107	31784	2.666	ng		99
22) Acetophenone	8.772	105	50292	3.463	ng	#	95
24) Nitrobenzene	9.148	77	40802	3.759	ng		97
25) Isophorone	9.678	82	63509	3.265	ng		99
26) 2-Nitrophenol	9.872	139	13139	2.730	ng		98
27) 2,4-Dimethylphenol	9.931	122	25342	3.363	ng		97
28) bis(2-Chloroethoxy)met...	10.166	93	38920	3.125	ng		99
29) 2,4-Dichlorophenol	10.407	162	23801	2.718	ng		96
30) 1,2,4-Trichlorobenzene	10.625	180	34290	3.445	ng		96
31) Naphthalene	10.807	128	100459	3.407	ng		98
32) Benzoic acid	9.978	122	9866m	1.583	ng		
33) 4-Chloroaniline	10.919	127	32200	2.768	ng		93
34) Hexachlorobutadiene	11.107	225	21959	3.483	ng		92
35) Caprolactam	11.672	113	6162	2.024	ng		97
36) 4-Chloro-3-methylphenol	12.036	107	26359	2.627	ng		97
37) 2-Methylnaphthalene	12.419	142	65403	3.109	ng		96
38) 1-Methylnaphthalene	12.636	142	64385	3.128	ng		95
40) 1,2,4,5-Tetrachloroben...	12.789	216	36807	3.709	ng		98
41) Hexachlorocyclopentadiene	12.772	237	22640	3.940	ng		99
43) 2,4,6-Trichlorophenol	13.025	196	18925	2.762	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	19331	2.628	ng	#	97
46) 1,1'-Biphenyl	13.425	154	89913	3.586	ng		100
47) 2-Chloronaphthalene	13.466	162	66684	3.465	ng		98
48) 2-Nitroaniline	13.666	65	13440	2.284	ng		92
49) Acenaphthylene	14.307	152	100592	3.353	ng		98
50) Dimethylphthalate	14.042	163	77859	3.111	ng		99
51) 2,6-Dinitrotoluene	14.154	165	14368	2.799	ng		94
52) Acenaphthene	14.648	154	64031	3.169	ng		97
53) 3-Nitroaniline	14.489	138	9183	1.783	ng		81
54) 2,4-Dinitrophenol	14.689	184	3462	1.204	ng	#	88
55) Dibenzofuran	14.983	168	97082	3.224	ng		99
56) 4-Nitrophenol	14.795	139	6185m	1.481	ng		
57) 2,4-Dinitrotoluene	14.942	165	16322	2.352	ng		92
58) Fluorene	15.630	166	74880	3.063	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.207	232	18486	2.787	ng		98
60) Diethylphthalate	15.401	149	75937	2.957	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	39356	3.153	ng		96
62) 4-Nitroaniline	15.642	138	8132m	1.641	ng		
63) Azobenzene	15.918	77	68224	2.755	ng		98
65) 4,6-Dinitro-2-methylph...	15.701	198	7624	1.919	ng		92
66) n-Nitrosodiphenylamine	15.836	169	62220	3.205	ng		95
67) 4-Bromophenyl-phenylether	16.518	248	22260	3.169	ng		91
68) Hexachlorobenzene	16.636	284	27294	3.483	ng		99
69) Atrazine	16.783	200	19889	3.108	ng		97
70) Pentachlorophenol	16.971	266	12359	2.466	ng		97
71) Phenanthrene	17.365	178	114336	3.341	ng		99
72) Anthracene	17.460	178	105472	3.166	ng		98
73) Carbazole	17.724	167	70940	2.283	ng		98
74) Di-n-butylphthalate	18.295	149	105554	2.733	ng		98
75) Fluoranthene	19.377	202	113982	2.971	ng		99
77) Benzidine	19.601	184	21947m	2.610	ng		
78) Pyrene	19.742	202	126820	3.137	ng		97
80) Butylbenzylphthalate	20.630	149	41298	2.416	ng		97
81) Benzo(a)anthracene	21.477	228	111237	3.072	ng		98
82) 3,3'-Dichlorobenzidine	21.418	252	30238	2.500	ng		99
83) Chrysene	21.530	228	123301	3.334	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	63791	2.527	ng		98
85) Di-n-octyl phthalate	22.336	149	103121	2.573	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.424	276	107964	2.784	ng		97
88) Benzo(b)fluoranthene	23.177	252	102869	2.853	ng		96
89) Benzo(k)fluoranthene	23.224	252	121512	3.182	ng		99
90) Benzo(a)pyrene	23.800	252	102825	3.365	ng		98
91) Dibenzo(a,h)anthracene	26.441	278	102621	3.263	ng		96
92) Benzo(g,h,i)perylene	27.188	276	115448	3.547	ng		96

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

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