Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035869.D
Acq On : 19 Jul 2022 18:05
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER 5ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 18:44:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	309502	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1257099	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	714551	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1328887	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1127402	20.000	ng		0.00
86) Perylene-d12	23.821	264	1099672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2186886	109.541	ng		0.00
7) Phenol-d6	7.063	99	2738743	109.094	ng		0.00
23) Nitrobenzene-d5	9.069	82	1829509	77.837	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	873414	109.277	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3976565	78.664	ng		0.00
79) Terphenyl-d14	19.892	244	4809614	83.004	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	40967	4.965	ng	#	93
3) Pyridine	3.734	79	103927	4.739	ng		89
4) n-Nitrosodimethylamine	3.640	42	48653	5.308	ng	#	71
6) Aniline	7.228	93	160924	5.837	ng		97
8) 2-Chlorophenol	7.457	128	105715	5.124	ng		98
9) Benzaldehyde	7.040	77	93320m	6.617	ng		
10) Phenol	7.087	94	131626	5.206	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	105744	5.184	ng		97
12) 1,3-Dichlorobenzene	7.787	146	119297	5.185	ng		97
13) 1,4-Dichlorobenzene	7.934	146	122039	5.209	ng		99
14) 1,2-Dichlorobenzene	8.251	146	117419	5.182	ng		99
15) Benzyl Alcohol	8.139	79	79802	4.824	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.439	45	142092	5.350	ng		97
17) 2-Methylphenol	8.345	107	82020	4.997	ng		95
18) Hexachloroethane	8.981	117	43318	5.139	ng		94
19) n-Nitroso-di-n-propyla...	8.710	70	75094	5.160	ng		89
20) 3+4-Methylphenols	8.669	107	106624	4.806	ng		95
22) Acetophenone	8.728	105	158595	5.105	ng	#	92
24) Nitrobenzene	9.110	77	124198	5.626	ng		99
25) Isophorone	9.633	82	200030	5.440	ng		97
26) 2-Nitrophenol	9.822	139	40309	4.053	ng		90
27) 2,4-Dimethylphenol	9.881	122	89573	5.710	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	130522	5.100	ng		99
29) 2,4-Dichlorophenol	10.351	162	79582	4.576	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	99211	4.943	ng		97
31) Naphthalene	10.757	128	339870	5.321	ng		99
32) Benzoic acid	9.939	122	24739	2.085	ng		90
33) 4-Chloroaniline	10.869	127	132633	5.191	ng		96
34) Hexachlorobutadiene	11.039	225	58036	5.038	ng		97
35) Caprolactam	11.627	113	20532	3.860	ng		94
36) 4-Chloro-3-methylphenol	11.986	107	83530	4.684	ng		98
37) 2-Methylnaphthalene	12.363	142	216112	5.201	ng		97
38) 1-Methylnaphthalene	12.580	142	210518	5.205	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	104571	5.122	ng		99
41) Hexachlorocyclopentadiene	12.710	237	58059	5.276	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	55592	4.120	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	59877	4.208	ng	96
46) 1,1'-Biphenyl	13.374	154	287694	5.293	ng	99
47) 2-Chloronaphthalene	13.410	162	214076	5.124	ng	99
48) 2-Nitroaniline	13.616	65	47276	4.106	ng	97
49) Acenaphthylene	14.257	152	338466	5.261	ng	99
50) Dimethylphthalate	13.998	163	231102	4.914	ng	98
51) 2,6-Dinitrotoluene	14.110	165	43748	4.448	ng	94
52) Acenaphthene	14.598	154	198857	5.160	ng	98
53) 3-Nitroaniline	14.439	138	48853	4.126	ng	99
54) 2,4-Dinitrophenol	14.639	184	13063	2.696	ng	95
55) Dibenzofuran	14.927	168	315679	5.113	ng	97
56) 4-Nitrophenol	14.739	139	34126	3.673	ng	90
57) 2,4-Dinitrotoluene	14.892	165	50033	3.887	ng	92
58) Fluorene	15.574	166	240952	4.970	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	46789	4.091	ng	97
60) Diethylphthalate	15.357	149	220063	4.722	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	117194	4.969	ng	95
62) 4-Nitroaniline	15.592	138	45510	3.754	ng	94
63) Azobenzene	15.868	77	218024	4.556	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	19073	2.858	ng	91
66) n-Nitrosodiphenylamine	15.786	169	195038	4.998	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	64064	4.796	ng	96
68) Hexachlorobenzene	16.574	284	79024	5.096	ng	92
69) Atrazine	16.733	200	53413	5.209	ng	99
70) Pentachlorophenol	16.915	266	31527	3.664	ng	100
71) Phenanthrene	17.315	178	361366	5.169	ng	99
72) Anthracene	17.404	178	343214	5.051	ng	99
73) Carbazole	17.674	167	318631	4.623	ng	99
74) Di-n-butylphthalate	18.245	149	291292	4.151	ng	99
75) Fluoranthene	19.321	202	358250	4.715	ng	97
77) Benzidine	19.515	184	141927	7.170	ng	98
78) Pyrene	19.686	202	377987	5.128	ng	100
80) Butylbenzylphthalate	20.592	149	95172	3.617	ng	97
81) Benzo(a)anthracene	21.427	228	353513	4.953	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	103824	6.211	ng	97
83) Chrysene	21.480	228	336482	4.941	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	140787	3.796	ng	100
85) Di-n-octyl phthalate	22.291	149	208026	3.535	ng	100
87) Indeno(1,2,3-cd)pyrene	26.291	276	364617	4.538	ng	97
88) Benzo(b)fluoranthene	23.097	252	336758	5.145	ng	97
89) Benzo(k)fluoranthene	23.144	252	336439	4.967	ng	98
90) Benzo(a)pyrene	23.715	252	311911	5.598	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	324922	4.866	ng	99
92) Benzo(g,h,i)perylene	27.050	276	318974	4.844	ng	98

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

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