Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035870.D
Acq On : 19 Jul 2022 18:42
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER 10ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 19:20:19 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	324021	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1331058	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	751404	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1428732	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1273675	20.000	ng		0.00
86) Perylene-d12	23.821	264	1264440	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2981984	142.675	ng		0.00
7) Phenol-d6	7.069	99	3806854	144.846	ng		0.00
23) Nitrobenzene-d5	9.069	82	1920584	77.172	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	1225438	145.801	ng		0.00
45) 2-Fluorobiphenyl	13.168	172	4251237	79.972	ng		0.00
79) Terphenyl-d14	19.897	244	5551757	84.808	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	73579	8.517	ng		95
3) Pyridine	3.728	79	190740	8.308	ng		91
4) n-Nitrosodimethylamine	3.640	42	88073	9.179	ng	#	66
6) Aniline	7.228	93	297577	10.310	ng		98
8) 2-Chlorophenol	7.463	128	195120	9.034	ng		97
9) Benzaldehyde	7.039	77	167383m	11.336	ng		
10) Phenol	7.092	94	242451	9.160	ng		92
11) bis(2-Chloroethyl)ether	7.328	93	197465	9.246	ng		96
12) 1,3-Dichlorobenzene	7.786	146	218358	9.064	ng		99
13) 1,4-Dichlorobenzene	7.934	146	223330	9.105	ng		99
14) 1,2-Dichlorobenzene	8.251	146	213291	8.991	ng		99
15) Benzyl Alcohol	8.139	79	150757	8.706	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.433	45	258508	9.297	ng		96
17) 2-Methylphenol	8.345	107	153800	8.950	ng		95
18) Hexachloroethane	8.980	117	79886	9.053	ng		95
19) n-Nitroso-di-n-propyla...	8.710	70	141652	9.296	ng		89
20) 3+4-Methylphenols	8.675	107	203810	8.775	ng		96
22) Acetophenone	8.728	105	297753	9.051	ng	#	93
24) Nitrobenzene	9.110	77	223270	9.552	ng		98
25) Isophorone	9.633	82	378469	9.721	ng	#	98
26) 2-Nitrophenol	9.816	139	77373	7.348	ng		97
27) 2,4-Dimethylphenol	9.880	122	167211	10.067	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	245093	9.045	ng		99
29) 2,4-Dichlorophenol	10.351	162	155764	8.458	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	183508	8.634	ng		99
31) Naphthalene	10.757	128	619064	9.154	ng		99
32) Benzoic acid	9.969	122	119189	9.488	ng		95
33) 4-Chloroaniline	10.869	127	253827	9.382	ng		96
34) Hexachlorobutadiene	11.039	225	103783	8.508	ng		97
35) Caprolactam	11.633	113	42590	7.562	ng		96
36) 4-Chloro-3-methylphenol	11.986	107	161251	8.539	ng		100
37) 2-Methylnaphthalene	12.363	142	406590	9.242	ng		99
38) 1-Methylnaphthalene	12.586	142	391676	9.146	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	190544	8.876	ng		99
41) Hexachlorocyclopentadiene	12.710	237	113711	9.827	ng		100
43) 2,4,6-Trichlorophenol	12.968	196	111690	7.871	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	122971	8.219	ng	97
46) 1,1'-Biphenyl	13.374	154	524040	9.168	ng	98
47) 2-Chloronaphthalene	13.416	162	394572	8.981	ng	99
48) 2-Nitroaniline	13.616	65	95558	7.893	ng	99
49) Acenaphthylene	14.257	152	640739	9.472	ng	99
50) Dimethylphthalate	13.998	163	435079	8.797	ng	98
51) 2,6-Dinitrotoluene	14.110	165	88898	8.596	ng	99
52) Acenaphthene	14.598	154	367555	9.070	ng	100
53) 3-Nitroaniline	14.439	138	100484	8.070	ng	99
54) 2,4-Dinitrophenol	14.639	184	40776	8.001	ng	95
55) Dibenzofuran	14.927	168	578821	8.915	ng	99
56) 4-Nitrophenol	14.739	139	75111	7.688	ng	89
57) 2,4-Dinitrotoluene	14.892	165	106740	7.887	ng	91
58) Fluorene	15.580	166	452425	8.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	93954	7.812	ng	98
60) Diethylphthalate	15.357	149	421087	8.592	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	216259	8.719	ng	99
62) 4-Nitroaniline	15.598	138	99483	7.803	ng	93
63) Azobenzene	15.868	77	435252	8.649	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	54296	7.568	ng	95
66) n-Nitrosodiphenylamine	15.786	169	372130	8.870	ng	100
67) 4-Bromophenyl-phenylether	16.468	248	120928	8.420	ng	96
68) Hexachlorobenzene	16.574	284	147771	8.863	ng	91
69) Atrazine	16.739	200	109771	9.957	ng	99
70) Pentachlorophenol	16.915	266	92726	10.023	ng	95
71) Phenanthrene	17.315	178	686411	9.133	ng	99
72) Anthracene	17.403	178	675831	9.251	ng	99
73) Carbazole	17.674	167	628043	8.475	ng	98
74) Di-n-butylphthalate	18.245	149	604195	8.008	ng	99
75) Fluoranthene	19.327	202	714133	8.741	ng	99
77) Benzidine	19.515	184	258297	11.551	ng	98
78) Pyrene	19.686	202	748203	8.984	ng	99
80) Butylbenzylphthalate	20.592	149	212915	7.162	ng	97
81) Benzo(a)anthracene	21.427	228	709138	8.795	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	218790	11.585	ng	98
83) Chrysene	21.480	228	670150	8.710	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	322337	7.693	ng	100
85) Di-n-octyl phthalate	22.291	149	487369	7.331	ng	98
87) Indeno(1,2,3-cd)pyrene	26.291	276	761389	8.241	ng	98
88) Benzo(b)fluoranthene	23.097	252	687507	9.134	ng	99
89) Benzo(k)fluoranthene	23.144	252	704084	9.039	ng	99
90) Benzo(a)pyrene	23.715	252	652810	10.190	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	680195	8.860	ng	99
92) Benzo(g,h,i)perylene	27.056	276	666351	8.801	ng	98

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

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