Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031034.D
Acq On : 20 Jul 2021 22:06
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 10ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/21/2021 11:27:07 AM

Quant Time: Jul 21 01:41:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	85900	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	374628	20.000	ng		0.00
39) Acenaphthene-d10	14.268	164	274047	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	633265	20.000	ng		0.00
76) Chrysene-d12	21.203	240	746243	20.000	ng		0.00
86) Perylene-d12	23.380	264	801863	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	506088	105.795	ng		0.00
7) Phenol-d6	6.822	99	717984	103.537	ng		0.00
23) Nitrobenzene-d5	8.786	82	520299	69.733	ng		0.00
42) 2,4,6-Tribromophenol	15.762	330	375653	104.973	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1234984	67.239	ng		0.00
79) Terphenyl-d14	19.656	244	2601717	68.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	16769	8.724	ng	#	93
3) Pyridine	3.628	79	40116	7.377	ng	#	86
4) n-Nitrosodimethylamine	3.546	42	24231	7.840	ng	#	87
6) Aniline	6.981	93	68217	9.163	ng		97
8) 2-Chlorophenol	7.204	128	45879	8.148	ng		96
9) Benzaldehyde	6.792	77	40618m	9.830	ng		
10) Phenol	6.845	94	54552	8.120	ng		93
11) bis(2-Chloroethyl)ether	7.081	93	40791	8.201	ng		100
12) 1,3-Dichlorobenzene	7.528	146	50139	8.189	ng		96
13) 1,4-Dichlorobenzene	7.669	146	52597	8.441	ng		97
14) 1,2-Dichlorobenzene	7.981	146	49744	8.173	ng		95
15) Benzyl Alcohol	7.875	79	46854	8.026	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.163	45	54169	8.705	ng		96
17) 2-Methylphenol	8.075	107	37924	8.068	ng		89
18) Hexachloroethane	8.704	117	19750	8.212	ng		93
19) n-Nitroso-di-n-propyla...	8.439	70	39167	7.997	ng		94
20) 3+4-Methylphenols	8.398	107	52806	7.945	ng		96
22) Acetophenone	8.451	105	77248	8.330	ng		96
24) Nitrobenzene	8.828	77	62792	8.334	ng		96
25) Isophorone	9.351	82	101647	7.619	ng		98
26) 2-Nitrophenol	9.528	139	23830	7.512	ng		92
27) 2,4-Dimethylphenol	9.592	122	45358	9.075	ng		92
28) bis(2-Chloroethoxy)met...	9.833	93	59539	8.851	ng		99
29) 2,4-Dichlorophenol	10.051	162	45500	7.696	ng		95
30) 1,2,4-Trichlorobenzene	10.269	180	51947	8.002	ng		97
31) Naphthalene	10.451	128	156073	8.097	ng		99
32) Benzoic acid	9.675	122	25245	5.928	ng		95
33) 4-Chloroaniline	10.569	127	69443	8.351	ng		97
34) Hexachlorobutadiene	10.739	225	33056	7.929	ng		93
35) Caprolactam	11.339	113	15857	7.978	ng		92
36) 4-Chloro-3-methylphenol	11.692	107	52681	7.808	ng		93
37) 2-Methylnaphthalene	12.069	142	118169	7.953	ng		97
38) 1-Methylnaphthalene	12.292	142	111198	7.860	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.439	216	63099	8.264	ng	#	98
41) Hexachlorocyclopentadiene	12.421	237	41757	9.831	ng		99
43) 2,4,6-Trichlorophenol	12.686	196	40242	7.503	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	45097	7.594	ng	#	92
46) 1,1'-Biphenyl	13.098	154	161719	8.322	ng		98
47) 2-Chloronaphthalene	13.133	162	119252	7.835	ng	#	94
48) 2-Nitroaniline	13.345	65	36684	7.563	ng		93
49) Acenaphthylene	13.986	152	196130	8.062	ng		97
50) Dimethylphthalate	13.733	163	164460	8.001	ng		100
51) 2,6-Dinitrotoluene	13.851	165	33501	7.276	ng	#	81
52) Acenaphthene	14.333	154	117428	7.670	ng		97
53) 3-Nitroaniline	14.180	138	35126	7.551	ng		96
54) 2,4-Dinitrophenol	14.380	184	17120	6.305	ng		94
55) Dibenzofuran	14.668	168	193433	7.704	ng		93
56) 4-Nitrophenol	14.486	139	30451	7.402	ng		91
57) 2,4-Dinitrotoluene	14.639	165	45749	7.136	ng	#	85
58) Fluorene	15.321	166	160069	7.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	41571	7.512	ng		93
60) Diethylphthalate	15.110	149	175634	7.970	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	80401	7.666	ng	#	87
62) 4-Nitroaniline	15.345	138	38172	7.439	ng		87
63) Azobenzene	15.615	77	167786	7.649	ng		94
65) 4,6-Dinitro-2-methylph...	15.398	198	23129	5.823	ng		81
66) n-Nitrosodiphenylamine	15.539	169	142560	7.659	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	50472	7.703	ng	#	93
68) Hexachlorobenzene	16.315	284	57498	7.788	ng		94
69) Atrazine	16.492	200	55658	8.145	ng		99
70) Pentachlorophenol	16.662	266	33556	6.952	ng		96
71) Phenanthrene	17.056	178	269177	7.676	ng		98
72) Anthracene	17.145	178	272470	7.879	ng		98
73) Carbazole	17.421	167	256494	7.493	ng		98
74) Di-n-butylphthalate	17.998	149	309187	7.689	ng		99
75) Fluoranthene	19.074	202	334602	7.625	ng		99
77) Benzidine	19.268	184	186331	10.114	ng		99
78) Pyrene	19.433	202	346998	7.446	ng		98
80) Butylbenzylphthalate	20.356	149	148055	7.441	ng		98
81) Benzo(a)anthracene	21.186	228	378905	7.662	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	136871	10.096	ng		99
83) Chrysene	21.239	228	371026	7.722	ng		98
84) Bis(2-ethylhexyl)phtha...	21.133	149	238140	7.725	ng	#	94
85) Di-n-octyl phthalate	22.003	149	408266	7.734	ng		97
87) Indeno(1,2,3-cd)pyrene	25.538	276	440296	7.684	ng		100
88) Benzo(b)fluoranthene	22.727	252	406250	7.646	ng		99
89) Benzo(k)fluoranthene	22.774	252	384397	7.735	ng		99
90) Benzo(a)pyrene	23.285	252	392710	8.210	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	370699	7.474	ng		98
92) Benzo(g,h,i)perylene	26.203	276	363752	7.697	ng		99

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

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