Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031033.D
Acq On : 20 Jul 2021 21:29
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 5ppm
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/21/2021 11:27:01 AM

Quant Time: Jul 21 01:40:46 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	82355	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	353134	20.000	ng		0.00
39) Acenaphthene-d10	14.268	164	250725	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	568384	20.000	ng		0.00
76) Chrysene-d12	21.203	240	673621	20.000	ng		0.00
86) Perylene-d12	23.385	264	730940	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	568476	123.953	ng		0.00
7) Phenol-d6	6.822	99	791773	119.093	ng		0.00
23) Nitrobenzene-d5	8.786	82	550268	78.238	ng		0.00
42) 2,4,6-Tribromophenol	15.762	330	404832	123.649	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1295162	77.075	ng		0.00
79) Terphenyl-d14	19.656	244	2677849	78.653	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	8829	4.791	ng		95
3) Pyridine	3.634	79	20643	3.960	ng	#	84
4) n-Nitrosodimethylamine	3.551	42	12982m	4.381	ng		
6) Aniline	6.981	93	36688	5.140	ng		98
8) 2-Chlorophenol	7.204	128	24062	4.457	ng		96
9) Benzaldehyde	6.798	77	24009m	6.061	ng		
10) Phenol	6.845	94	28948	4.494	ng		85
11) bis(2-Chloroethyl)ether	7.081	93	22533	4.726	ng		98
12) 1,3-Dichlorobenzene	7.528	146	27491	4.683	ng	#	94
13) 1,4-Dichlorobenzene	7.669	146	27476	4.599	ng		96
14) 1,2-Dichlorobenzene	7.981	146	26019	4.459	ng	#	92
15) Benzyl Alcohol	7.875	79	24533	4.383	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.175	45	28895	4.844	ng		96
17) 2-Methylphenol	8.075	107	19649	4.360	ng		95
18) Hexachloroethane	8.698	117	10850	4.705	ng		87
19) n-Nitroso-di-n-propyla...	8.439	70	19930	4.245	ng		97
20) 3+4-Methylphenols	8.398	107	26858	4.215	ng		97
22) Acetophenone	8.451	105	41219	4.715	ng		94
24) Nitrobenzene	8.828	77	33656	4.739	ng		98
25) Isophorone	9.351	82	52535	4.177	ng		97
26) 2-Nitrophenol	9.528	139	12007	4.015	ng		97
27) 2,4-Dimethylphenol	9.592	122	23046	4.891	ng		97
28) bis(2-Chloroethoxy)met...	9.833	93	31241	4.927	ng		94
29) 2,4-Dichlorophenol	10.051	162	23297	4.180	ng		89
30) 1,2,4-Trichlorobenzene	10.269	180	27362	4.471	ng		95
31) Naphthalene	10.457	128	82517	4.541	ng		99
32) Benzoic acid	9.657	122	11457m	2.854	ng		
33) 4-Chloroaniline	10.569	127	35546	4.535	ng		97
34) Hexachlorobutadiene	10.739	225	17203	4.378	ng		97
35) Caprolactam	11.339	113	7439	3.971	ng		96
36) 4-Chloro-3-methylphenol	11.692	107	25604	4.026	ng		94
37) 2-Methylnaphthalene	12.069	142	60648	4.330	ng		97
38) 1-Methylnaphthalene	12.292	142	57317	4.298	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.439	216	32256	4.618	ng	#	97
41) Hexachlorocyclopentadiene	12.421	237	20767	5.344	ng		96
43) 2,4,6-Trichlorophenol	12.686	196	19119	3.896	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	21660	3.987	ng	#	90
46) 1,1'-Biphenyl	13.098	154	81981	4.611	ng		98
47) 2-Chloronaphthalene	13.133	162	61778	4.437	ng		93
48) 2-Nitroaniline	13.345	65	17296	3.898	ng		91
49) Acenaphthylene	13.986	152	97376	4.375	ng		98
50) Dimethylphthalate	13.733	163	83612	4.446	ng		99
51) 2,6-Dinitrotoluene	13.851	165	16543	3.927	ng	#	86
52) Acenaphthene	14.327	154	60103	4.291	ng		97
53) 3-Nitroaniline	14.174	138	16612	3.903	ng	#	95
54) 2,4-Dinitrophenol	14.380	184	7967	3.207	ng		94
55) Dibenzofuran	14.668	168	98708	4.297	ng		94
56) 4-Nitrophenol	14.486	139	14005	3.721	ng	#	86
57) 2,4-Dinitrotoluene	14.639	165	21199	3.614	ng	#	83
58) Fluorene	15.321	166	80592	4.159	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	20543	4.058	ng		92
60) Diethylphthalate	15.110	149	86746	4.302	ng		98
61) 4-Chlorophenyl-phenyle...	15.321	204	41867	4.363	ng	#	87
62) 4-Nitroaniline	15.339	138	17917	3.816	ng		84
63) Azobenzene	15.615	77	80890	4.031	ng		96
65) 4,6-Dinitro-2-methylph...	15.398	198	11570	3.246	ng		90
66) n-Nitrosodiphenylamine	15.539	169	70581	4.225	ng		96
67) 4-Bromophenyl-phenylether	16.215	248	24928	4.239	ng	#	88
68) Hexachlorobenzene	16.315	284	29295	4.421	ng		92
69) Atrazine	16.492	200	26965	4.397	ng		100
70) Pentachlorophenol	16.662	266	16249	3.750	ng		94
71) Phenanthrene	17.056	178	134771	4.282	ng		100
72) Anthracene	17.145	178	136210	4.389	ng		98
73) Carbazole	17.421	167	125994	4.101	ng		98
74) Di-n-butylphthalate	17.998	149	145376	4.028	ng	#	98
75) Fluoranthene	19.074	202	162841	4.134	ng		99
77) Benzidine	19.268	184	87873	5.284	ng		97
78) Pyrene	19.439	202	174115	4.139	ng		98
80) Butylbenzylphthalate	20.356	149	68118	3.793	ng		99
81) Benzo(a)anthracene	21.186	228	188260	4.217	ng		100
82) 3,3'-Dichlorobenzidine	21.127	252	67498	5.516	ng		99
83) Chrysene	21.239	228	185196	4.270	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	110132	3.958	ng		93
85) Di-n-octyl phthalate	22.003	149	190987	4.008	ng		97
87) Indeno(1,2,3-cd)pyrene	25.544	276	222347	4.257	ng		99
88) Benzo(b)fluoranthene	22.727	252	203370	4.199	ng		99
89) Benzo(k)fluoranthene	22.774	252	193950	4.282	ng		97
90) Benzo(a)pyrene	23.285	252	195960	4.494	ng		99
91) Dibenzo(a,h)anthracene	25.550	278	190426	4.212	ng		97
92) Benzo(g,h,i)perylene	26.203	276	186527	4.330	ng		99

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

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