Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031041.D
Acq On : 21 Jul 2021 12:36
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER-10PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:55 PM

Quant Time: Jul 21 13:05:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	72881	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	327161	20.00	ng		# 0.00
39) Acenaphthene-d10	14.269	164	236282	20.00	ng		0.00
64) Phenanthrene-d10	17.016	188	550107	20.00	ng		0.00
76) Chrysene-d12	21.204	240	659358	20.00	ng		0.00
86) Perylene-d12	23.380	264	695089	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	427915	105.43	ng		0.00
7) Phenol-d6	6.816	99	616795	104.83	ng		0.00
23) Nitrobenzene-d5	8.787	82	448523	68.83	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	317814	103.00	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1052350	66.45	ng		0.00
79) Terphenyl-d14	19.651	244	2216243	66.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	16526	10.13	ng		93
3) Pyridine	3.628	79	41099	8.91	ng	#	89
4) n-Nitrosodimethylamine	3.546	42	26255	10.01	ng	#	84
6) Aniline	6.975	93	69665	11.03	ng		96
8) 2-Chlorophenol	7.204	128	45938	9.62	ng		99
9) Benzaldehyde	6.793	77	43044	12.28	ng		97
10) Phenol	6.840	94	53609	9.40	ng		84
11) bis(2-Chloroethyl)ether	7.075	93	42011	9.96	ng		95
12) 1,3-Dichlorobenzene	7.522	146	51512m	9.92	ng		
13) 1,4-Dichlorobenzene	7.669	146	52864	10.00	ng		97
14) 1,2-Dichlorobenzene	7.981	146	49941	9.67	ng		98
15) Benzyl Alcohol	7.875	79	47419	9.57	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	56455	10.69	ng		98
17) 2-Methylphenol	8.075	107	38905	9.76	ng		95
18) Hexachloroethane	8.698	117	19663	9.64	ng		91
19) n-Nitroso-di-n-propyla...	8.440	70	40464	9.74	ng		96
20) 3+4-Methylphenols	8.398	107	53847	9.55	ng		96
22) Acetophenone	8.451	105	82302	10.16	ng	#	97
24) Nitrobenzene	8.822	77	64145	9.75	ng		97
25) Isophorone	9.345	82	103483	8.88	ng		98
26) 2-Nitrophenol	9.528	139	24675	8.91	ng	#	94
27) 2,4-Dimethylphenol	9.593	122	46018	10.54	ng		96
28) bis(2-Chloroethoxy)met...	9.834	93	61245	10.43	ng		95
29) 2,4-Dichlorophenol	10.051	162	46356	8.98	ng		95
30) 1,2,4-Trichlorobenzene	10.269	180	54536	9.62	ng		98
31) Naphthalene	10.451	128	158075	9.39	ng		99
32) Benzoic acid	9.675	122	27011	7.26	ng		94
33) 4-Chloroaniline	10.569	127	71339	9.82	ng		98
34) Hexachlorobutadiene	10.734	225	33376	9.17	ng		95
35) Caprolactam	11.334	113	15405	8.88	ng		95
36) 4-Chloro-3-methylphenol	11.692	107	54129	9.19	ng		97
37) 2-Methylnaphthalene	12.069	142	118669	9.15	ng		94
38) 1-Methylnaphthalene	12.286	142	112976	9.14	ng		96
40) 1,2,4,5-Tetrachloroben...	12.439	216	62655	9.52	ng	#	98
41) Hexachlorocyclopentadiene	12.422	237	42846	11.70	ng		97
43) 2,4,6-Trichlorophenol	12.686	196	41075	8.88	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	44987	8.79	ng	#	91
46) 1,1'-Biphenyl	13.092	154	161920	9.66	ng		99
47) 2-Chloronaphthalene	13.133	162	123320	9.40	ng		95
48) 2-Nitroaniline	13.345	65	37738	9.02	ng		94
49) Acenaphthylene	13.986	152	198107	9.44	ng		99
50) Dimethylphthalate	13.733	163	163658	9.23	ng		99
51) 2,6-Dinitrotoluene	13.851	165	33820	8.52	ng	#	82
52) Acenaphthene	14.328	154	121242	9.19	ng		100
53) 3-Nitroaniline	14.180	138	35880	8.95	ng		99
54) 2,4-Dinitrophenol	14.380	184	17679	7.55	ng		92
55) Dibenzofuran	14.669	168	196689	9.09	ng		94
56) 4-Nitrophenol	14.486	139	31778	8.96	ng		91
57) 2,4-Dinitrotoluene	14.639	165	47514	8.60	ng		85
58) Fluorene	15.316	166	164258	8.99	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.892	232	40639	8.52	ng	#	89
60) Diethylphthalate	15.104	149	178968	9.42	ng		96
61) 4-Chlorophenyl-phenyle...	15.322	204	82131	9.08	ng	#	85
62) 4-Nitroaniline	15.339	138	39161	8.85	ng	#	85
63) Azobenzene	15.610	77	171576	9.07	ng		92
65) 4,6-Dinitro-2-methylph...	15.398	198	24757	7.18	ng		85
66) n-Nitrosodiphenylamine	15.533	169	143734	8.89	ng		98
67) 4-Bromophenyl-phenylether	16.216	248	50463	8.87	ng		93
68) Hexachlorobenzene	16.316	284	56901	8.87	ng	#	90
69) Atrazine	16.492	200	55055	9.27	ng		97
70) Pentachlorophenol	16.663	266	34490	8.23	ng		96
71) Phenanthrene	17.057	178	274958	9.03	ng		100
72) Anthracene	17.145	178	279138	9.29	ng		98
73) Carbazole	17.421	167	261235	8.79	ng		97
74) Di-n-butylphthalate	17.998	149	309429	8.86	ng		98
75) Fluoranthene	19.074	202	337443	8.85	ng		99
77) Benzidine	19.268	184	193693	11.90	ng		100
78) Pyrene	19.433	202	361635	8.78	ng		99
80) Butylbenzylphthalate	20.357	149	149033	8.48	ng		97
81) Benzo(a)anthracene	21.186	228	390126	8.93	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	142651	11.91	ng		99
83) Chrysene	21.239	228	374489	8.82	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	241124	8.85	ng	#	93
85) Di-n-octyl phthalate	22.003	149	424208	9.10	ng		98
87) Indeno(1,2,3-cd)pyrene	25.539	276	449086	9.04	ng		99
88) Benzo(b)fluoranthene	22.727	252	421382	9.15	ng		99
89) Benzo(k)fluoranthene	22.774	252	402863	9.35	ng		97
90) Benzo(a)pyrene	23.286	252	404294	9.75	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	384660	8.95	ng		97
92) Benzo(g,h,i)perylene	26.203	276	371789	9.08	ng		97

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

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