Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
Data File : BP005059.D
Acq On : 26 Mar 2021 13:05
Operator : CG/JU
Sample : M1458-09
Misc : MDL-WATER--8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 5:21:25 PM

Quant Time: Mar 26 14:19:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 13:21:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	28929	20.00	ng	#	0.00
21) Naphthalene-d8	10.504	136	118038	20.00	ng	#	0.00
39) Acenaphthene-d10	14.369	164	77804	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	170386	20.00	ng		0.00
76) Chrysene-d12	21.227	240	175611	20.00	ng		0.00
86) Perylene-d12	23.516	264	176279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	142470	75.79	ng		0.00
7) Phenol-d6	6.893	99	199145	73.96	ng		0.00
23) Nitrobenzene-d5	8.875	82	164110	59.65	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	77863	76.81	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	352615	61.31	ng		0.00
79) Terphenyl-d14	19.704	244	600828	62.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	6521	7.97	ng	#	96
3) Pyridine	3.675	79	13847	6.80	ng		92
4) n-Nitrosodimethylamine	3.570	42	5345	7.34	ng		80
6) Aniline	7.052	93	25588	8.39	ng	#	88
8) 2-Chlorophenol	7.281	128	15035	7.58	ng	#	79
9) Benzaldehyde	6.869	77	15876	7.59	ng	#	79
10) Phenol	6.916	94	21455	7.77	ng		78
11) bis(2-Chloroethyl)ether	7.152	93	15896	7.87	ng		88
12) 1,3-Dichlorobenzene	7.605	146	17773	8.07	ng	#	93
13) 1,4-Dichlorobenzene	7.752	146	17732	7.93	ng	#	85
14) 1,2-Dichlorobenzene	8.063	146	17536	8.17	ng	#	90
15) Benzyl Alcohol	7.963	79	15157	7.30	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.240	45	12520	8.45	ng		92
17) 2-Methylphenol	8.163	107	13630	7.74	ng	#	90
18) Hexachloroethane	8.787	117	6908	8.11	ng		88
19) n-Nitroso-di-n-propyla...	8.522	70	13936	7.98	ng	#	89
20) 3+4-Methylphenols	8.487	107	17971	7.47	ng		88
22) Acetophenone	8.540	105	25546	7.53	ng	#	94
24) Nitrobenzene	8.916	77	21822	7.53	ng	#	79
25) Isophorone	9.446	82	36660	7.22	ng	#	87
26) 2-Nitrophenol	9.622	139	7948	7.07	ng	#	62
27) 2,4-Dimethylphenol	9.693	122	14063	7.78	ng		94
28) bis(2-Chloroethoxy)met...	9.928	93	21639	8.42	ng	#	97
29) 2,4-Dichlorophenol	10.157	162	14187	7.01	ng		90
30) 1,2,4-Trichlorobenzene	10.369	180	16852	7.42	ng		97
31) Naphthalene	10.557	128	48292	7.24	ng		96
32) Benzoic acid	9.763	122	6071m	4.52	ng		
33) 4-Chloroaniline	10.675	127	20143	7.47	ng	#	89
34) Hexachlorobutadiene	10.840	225	10649	7.28	ng		97
35) Caprolactam	11.451	113	4764	7.18	ng		97
36) 4-Chloro-3-methylphenol	11.804	107	17161	7.02	ng	#	86
37) 2-Methylnaphthalene	12.175	142	35532	7.38	ng	#	95
38) 1-Methylnaphthalene	12.398	142	33203	7.36	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.546	216	20039	7.91	ng	#	97
41) Hexachlorocyclopentadiene	12.528	237	11886	8.62	ng		90
43) 2,4,6-Trichlorophenol	12.793	196	12248	6.99	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	13397	7.06	ng	#	86
46) 1,1'-Biphenyl	13.198	154	47424	7.99	ng		96
47) 2-Chloronaphthalene	13.240	162	36749	7.61	ng		97
48) 2-Nitroaniline	13.451	65	10378	6.74	ng	#	53
49) Acenaphthylene	14.092	152	54616	7.27	ng		99
50) Dimethylphthalate	13.834	163	46054	7.69	ng	#	98
51) 2,6-Dinitrotoluene	13.945	165	9759	6.91	ng	#	58
52) Acenaphthene	14.434	154	33587	7.27	ng		96
53) 3-Nitroaniline	14.287	138	8964	6.90	ng	#	69
54) 2,4-Dinitrophenol	14.492	184	4356	5.09	ng	#	83
55) Dibenzofuran	14.775	168	56079	7.40	ng		97
56) 4-Nitrophenol	14.592	139	6256	5.87	ng	#	54
57) 2,4-Dinitrotoluene	14.740	165	13183	7.07	ng	#	60
58) Fluorene	15.422	166	45644	7.46	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.004	232	12286m	7.02	ng		
60) Diethylphthalate	15.204	149	44740	7.63	ng		100
61) 4-Chlorophenyl-phenyle...	15.422	204	24940	7.68	ng		98
62) 4-Nitroaniline	15.451	138	9031	6.76	ng	#	61
63) Azobenzene	15.716	77	47406	7.08	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	7526	6.05	ng		91
66) n-Nitrosodiphenylamine	15.639	169	38900	7.10	ng		98
67) 4-Bromophenyl-phenylether	16.322	248	15017	7.61	ng		94
68) Hexachlorobenzene	16.428	284	16406	7.39	ng		98
69) Atrazine	16.598	200	12044	6.62	ng		85
70) Pentachlorophenol	16.781	266	9337	6.37	ng		94
71) Phenanthrene	17.175	178	74467	7.54	ng		98
72) Anthracene	17.263	178	70290	7.28	ng		99
73) Carbazole	17.539	167	63041	6.95	ng		99
74) Di-n-butylphthalate	18.098	149	70813	7.10	ng	#	96
75) Fluoranthene	19.151	202	83720	7.20	ng		97
77) Benzidine	19.339	184	29390	7.63	ng		96
78) Pyrene	19.504	202	88436	7.33	ng		98
80) Butylbenzylphthalate	20.386	149	30056	6.71	ng	#	80
81) Benzo(a)anthracene	21.210	228	89021	7.46	ng		96
82) 3,3'-Dichlorobenzidine	21.151	252	31085	7.75	ng		99
83) Chrysene	21.263	228	85573	7.31	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	45390	6.91	ng		94
85) Di-n-octyl phthalate	22.027	149	76095	6.87	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.862	276	97601	7.38	ng		98
88) Benzo(b)fluoranthene	22.816	252	92109	7.36	ng		96
89) Benzo(k)fluoranthene	22.863	252	86623	7.22	ng		100
90) Benzo(a)pyrene	23.410	252	79385	7.07	ng		97
91) Dibenzo(a,h)anthracene	25.868	278	82131	7.19	ng	#	95
92) Benzo(g,h,i)perylene	26.574	276	79309	7.19	ng		97

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

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