Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006287.D
Acq On : 23 Jul 2021 14:54
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2021

Quant Time: Jul 23 15:54:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	395178	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1591915	20.000	ng	#	0.00
39) Acenaphthene-d10	14.422	164	910913	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1782091	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1705503	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1754395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2675356	108.670	ng		-0.01
7) Phenol-d6	6.969	99	3712591	108.965	ng		0.00
23) Nitrobenzene-d5	8.952	82	2297000	76.352	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	897372	108.118	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	4369970	72.157	ng		0.00
79) Terphenyl-d14	19.757	244	6255496	74.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	74299	7.104	ng		92
3) Pyridine	3.740	79	186361	6.231	ng		98
4) n-Nitrosodimethylamine	3.646	42	75167	7.348	ng	#	82
6) Aniline	7.128	93	284300	7.676	ng		96
8) 2-Chlorophenol	7.358	128	177714	6.611	ng		91
9) Benzaldehyde	6.940	77	174811	8.894	ng		94
10) Phenol	6.993	94	230394	6.798	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	182066	6.995	ng		92
12) 1,3-Dichlorobenzene	7.681	146	198524	6.925	ng		98
13) 1,4-Dichlorobenzene	7.828	146	200517	6.888	ng		99
14) 1,2-Dichlorobenzene	8.140	146	187573	6.732	ng		97
15) Benzyl Alcohol	8.034	79	166459	6.793	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.328	45	209504	7.416	ng		93
17) 2-Methylphenol	8.234	107	146121	6.679	ng		99
18) Hexachloroethane	8.863	117	72107	6.811	ng		88
19) n-Nitroso-di-n-propyla...	8.605	70	140840	6.706	ng		93
20) 3+4-Methylphenols	8.557	107	195962	6.626	ng		94
22) Acetophenone	8.616	105	278200	7.068	ng	#	99
24) Nitrobenzene	8.993	77	223400	7.113	ng		92
25) Isophorone	9.516	82	341906	6.190	ng		95
26) 2-Nitrophenol	9.699	139	70511	5.866	ng		94
27) 2,4-Dimethylphenol	9.763	122	160300	7.413	ng		100
28) bis(2-Chloroethoxy)met...	10.004	93	232886	7.392	ng		99
29) 2,4-Dichlorophenol	10.228	162	137483	6.203	ng		96
30) 1,2,4-Trichlorobenzene	10.440	180	162167	6.636	ng		97
31) Naphthalene	10.628	128	567115	6.742	ng		100
32) Benzoic acid	9.828	122	65098	4.232	ng		94
33) 4-Chloroaniline	10.740	127	228904	6.805	ng		96
34) Hexachlorobutadiene	10.916	225	91071	6.353	ng		99
35) Caprolactam	11.522	113	42210	6.018	ng	#	76
36) 4-Chloro-3-methylphenol	11.863	107	168087	6.372	ng		93
37) 2-Methylnaphthalene	12.240	142	387898	6.716	ng		98
38) 1-Methylnaphthalene	12.463	142	357526	6.567	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	170864	6.958	ng	#	97
41) Hexachlorocyclopentadiene	12.593	237	97376	7.321	ng		96
43) 2,4,6-Trichlorophenol	12.851	196	97865	6.036	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	110914	6.239	ng	#	89
46) 1,1'-Biphenyl	13.257	154	482360	7.069	ng		98
47) 2-Chloronaphthalene	13.298	162	353051	6.737	ng		95
48) 2-Nitroaniline	13.504	65	93154	6.173	ng		91
49) Acenaphthylene	14.145	152	558156	6.724	ng		100
50) Dimethylphthalate	13.892	163	436359	6.825	ng		99
51) 2,6-Dinitrotoluene	14.004	165	82727	5.978	ng	#	83
52) Acenaphthene	14.487	154	338502	6.597	ng		96
53) 3-Nitroaniline	14.328	138	89588	6.029	ng	#	86
54) 2,4-Dinitrophenol	14.534	184	45112	6.468	ng	#	86
55) Dibenzofuran	14.822	168	535105	6.660	ng		96
56) 4-Nitrophenol	14.634	139	73197	5.790	ng		89
57) 2,4-Dinitrotoluene	14.787	165	102174	5.648	ng	#	81
58) Fluorene	15.475	166	429772	6.710	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	89711	6.077	ng	#	77
60) Diethylphthalate	15.263	149	440368	6.716	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	203541	6.783	ng		92
62) 4-Nitroaniline	15.492	138	91221	5.922	ng		86
63) Azobenzene	15.769	77	463109	6.616	ng		93
65) 4,6-Dinitro-2-methylph...	15.551	198	46093	4.651	ng		83
66) n-Nitrosodiphenylamine	15.692	169	365041	6.610	ng		98
67) 4-Bromophenyl-phenylether	16.375	248	88271	5.608	ng		92
68) Hexachlorobenzene	16.475	284	128149	6.435	ng	#	86
69) Atrazine	16.651	200	117691	6.750	ng		95
70) Pentachlorophenol	16.822	266	67330	5.635	ng		98
71) Phenanthrene	17.222	178	662934	6.743	ng		99
72) Anthracene	17.310	178	645278	6.786	ng		100
73) Carbazole	17.586	167	606117	6.371	ng		99
74) Di-n-butylphthalate	18.157	149	689606	6.405	ng		99
75) Fluoranthene	19.192	202	710560	6.458	ng		95
77) Benzidine	19.380	184	315686	7.092	ng		99
78) Pyrene	19.545	202	747848	6.666	ng		99
80) Butylbenzylphthalate	20.439	149	276474	5.825	ng	#	84
81) Benzo(a)anthracene	21.263	228	713144	6.512	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	233461	8.055	ng	#	95
83) Chrysene	21.316	228	707983	6.684	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	449150	6.280	ng	#	96
85) Di-n-octyl phthalate	22.127	149	697859	5.866	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.068	276	814890	6.499	ng	#	88
88) Benzo(b)fluoranthene	22.916	252	734476	6.513	ng	#	96
89) Benzo(k)fluoranthene	22.963	252	708510	6.635	ng	#	96
90) Benzo(a)pyrene	23.527	252	672507	6.656	ng	#	95
91) Dibenzo(a,h)anthracene	26.092	278	709811	6.552	ng	#	93
92) Benzo(g,h,i)perylene	26.815	276	684471	6.552	ng	#	91

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

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