Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006495.D
Acq On : 04 Aug 2021 16:30
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:10 PM

Quant Time: Aug 04 17:43:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	186216	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	805476	20.000	ng		# 0.00
39) Acenaphthene-d10	14.381	164	472103	20.000	ng		-0.01
64) Phenanthrene-d10	17.133	188	938463	20.000	ng		# 0.00
76) Chrysene-d12	21.233	240	908079	20.000	ng		# 0.00
86) Perylene-d12	23.562	264	917328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1262774	104.156	ng		0.00
7) Phenol-d6	6.928	99	1804187	104.759	ng		0.00
23) Nitrobenzene-d5	8.910	82	1160943	66.527	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	511167	103.601	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2054419	65.106	ng		0.00
79) Terphenyl-d14	19.716	244	3330202	73.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	20937	3.967	ng		89
3) Pyridine	3.705	79	49060	3.162	ng		93
4) n-Nitrosodimethylamine	3.616	42	21849	3.731	ng	#	81
6) Aniline	7.093	93	79958	4.274	ng		95
8) 2-Chlorophenol	7.322	128	49229	3.753	ng		89
9) Benzaldehyde	6.905	77	57330	5.531	ng		88
10) Phenol	6.957	94	64794	3.752	ng		96
11) bis(2-Chloroethyl)ether	7.193	93	51602	3.935	ng		84
12) 1,3-Dichlorobenzene	7.640	146	52916m	3.870	ng		
13) 1,4-Dichlorobenzene	7.793	146	54948	3.960	ng		95
14) 1,2-Dichlorobenzene	8.104	146	51598	3.875	ng		94
15) Benzyl Alcohol	7.999	79	45584	3.529	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.293	45	65430	4.193	ng		92
17) 2-Methylphenol	8.199	107	38880	3.565	ng		98
18) Hexachloroethane	8.822	117	21336	3.885	ng		90
19) n-Nitroso-di-n-propyla...	8.563	70	44955	3.891	ng	#	96
20) 3+4-Methylphenols	8.522	107	51935	3.499	ng		93
22) Acetophenone	8.581	105	82642	3.869	ng	#	98
24) Nitrobenzene	8.951	77	70668	3.896	ng		90
25) Isophorone	9.475	82	104475	3.333	ng	#	93
26) 2-Nitrophenol	9.657	139	19527	2.958	ng	#	82
27) 2,4-Dimethylphenol	9.722	122	41984	3.798	ng		95
28) bis(2-Chloroethoxy)met...	9.963	93	69043	4.117	ng		98
29) 2,4-Dichlorophenol	10.187	162	34278	3.063	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	44104	3.667	ng		92
31) Naphthalene	10.587	128	164618	3.803	ng		99
33) 4-Chloroaniline	10.704	127	63898	3.648	ng	#	94
34) Hexachlorobutadiene	10.875	225	25725	3.671	ng		99
35) Caprolactam	11.481	113	12124	3.004	ng	#	76
36) 4-Chloro-3-methylphenol	11.828	107	42847	3.013	ng		96
37) 2-Methylnaphthalene	12.198	142	109032	3.718	ng		99
38) 1-Methylnaphthalene	12.422	142	102061	3.662	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	46146	3.735	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	28361	4.328	ng		94
43) 2,4,6-Trichlorophenol	12.816	196	23798	2.821	ng		95
44) 2,4,5-Trichlorophenol	12.881	196	27796	2.976	ng	#	87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.222	154	140768	3.939	ng		96
47) 2-Chloronaphthalene	13.257	162	102066	3.709	ng		95
48) 2-Nitroaniline	13.469	65	28791	2.965	ng	#	81
49) Acenaphthylene	14.104	152	154732	3.487	ng		98
50) Dimethylphthalate	13.851	163	126788	3.689	ng		99
51) 2,6-Dinitrotoluene	13.969	165	22437	2.926	ng	#	70
52) Acenaphthene	14.445	154	97199	3.599	ng		94
53) 3-Nitroaniline	14.292	138	24926	2.932	ng	#	65
55) Dibenzofuran	14.781	168	157007	3.696	ng		95
56) 4-Nitrophenol	14.598	139	17894	2.424	ng	#	82
57) 2,4-Dinitrotoluene	14.751	165	26370	2.564	ng	#	64
58) Fluorene	15.434	166	121684	3.584	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	23389	2.988	ng	#	69
60) Diethylphthalate	15.222	149	125945	3.489	ng		97
61) 4-Chlorophenyl-phenyle...	15.434	204	55741	3.625	ng	#	82
62) 4-Nitroaniline	15.457	138	24371	2.702	ng		91
63) Azobenzene	15.728	77	135618	3.223	ng		90
66) n-Nitrosodiphenylamine	15.651	169	100545	3.409	ng		98
67) 4-Bromophenyl-phenylether	16.333	248	31729	3.524	ng	#	84
68) Hexachlorobenzene	16.433	284	38022	3.711	ng	#	88
69) Atrazine	16.610	200	30249	3.286	ng		96
70) Pentachlorophenol	16.780	266	17458	2.685	ng		95
71) Phenanthrene	17.180	178	197727	3.735	ng		98
72) Anthracene	17.269	178	182918	3.576	ng		99
73) Carbazole	17.545	167	169498	3.249	ng		98
74) Di-n-butylphthalate	18.116	149	172731	2.906	ng		98
75) Fluoranthene	19.151	202	202688	3.411	ng		94
77) Benzidine	19.339	184	86769	3.819	ng		97
78) Pyrene	19.504	202	213669	3.523	ng		99
80) Butylbenzylphthalate	20.398	149	68979	2.586	ng	#	86
81) Benzo(a)anthracene	21.221	228	207723	3.500	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	61873	3.971	ng	#	96
83) Chrysene	21.268	228	212773	3.698	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	103774	2.589	ng	#	96
85) Di-n-octyl phthalate	22.068	149	163313	2.472	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.956	276	232259	3.492	ng	#	89
88) Benzo(b)fluoranthene	22.851	252	204004	3.422	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	208513	3.643	ng	#	95
90) Benzo(a)pyrene	23.457	252	187898	3.514	ng	#	93
91) Dibenzo(a,h)anthracene	25.980	278	201700	3.507	ng	#	93
92) Benzo(g,h,i)perylene	26.698	276	192755	3.498	ng	#	88

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

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