Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006494.D
Acq On : 04 Aug 2021 15:56
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 04 16:35:19 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	7.752	152	190097	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	815234	20.000	ng		#-0.01
39) Acenaphthene-d10	14.387	164	473533	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	934034	20.000	ng		# 0.00
76) Chrysene-d12	21.239	240	925416	20.000	ng		# 0.00
86) Perylene-d12	23.568	264	944516	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1314541	106.212	ng		-0.01
7) Phenol-d6	6.928	99	1822023	103.635	ng		0.00
23) Nitrobenzene-d5	8.904	82	1227942	69.524	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	520416	105.157	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2168920	68.527	ng		0.00
79) Terphenyl-d14	19.716	244	3075175	66.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	45014	8.354	ng		89
3) Pyridine	3.699	79	123946	7.826	ng		95
4) n-Nitrosodimethylamine	3.605	42	51988	8.697	ng	#	91
6) Aniline	7.087	93	182233	9.542	ng		94
8) 2-Chlorophenol	7.316	128	110903	8.282	ng		87
9) Benzaldehyde	6.899	77	121462	11.479	ng		90
10) Phenol	6.952	94	148189	8.406	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	117786	8.799	ng		89
12) 1,3-Dichlorobenzene	7.640	146	118594	8.497	ng		94
13) 1,4-Dichlorobenzene	7.787	146	120337	8.496	ng		96
14) 1,2-Dichlorobenzene	8.099	146	115059	8.465	ng		96
15) Benzyl Alcohol	7.993	79	108979	8.266	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	141563	8.887	ng		93
17) 2-Methylphenol	8.193	107	90677	8.146	ng		97
18) Hexachloroethane	8.822	117	48350	8.624	ng	#	84
19) n-Nitroso-di-n-propyla...	8.557	70	102027	8.650	ng	#	94
20) 3+4-Methylphenols	8.516	107	124462	8.214	ng		93
22) Acetophenone	8.575	105	186924	8.646	ng		99
24) Nitrobenzene	8.946	77	155223	8.454	ng	#	88
25) Isophorone	9.475	82	246195	7.761	ng		96
26) 2-Nitrophenol	9.657	139	48002	7.184	ng		93
27) 2,4-Dimethylphenol	9.722	122	101179	9.043	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	154403	9.097	ng		98
29) 2,4-Dichlorophenol	10.181	162	86017	7.593	ng		94
30) 1,2,4-Trichlorobenzene	10.399	180	100170	8.229	ng		95
31) Naphthalene	10.587	128	363002	8.287	ng		99
32) Benzoic acid	9.787	122	38280	4.423	ng		99
33) 4-Chloroaniline	10.704	127	148499	8.377	ng		95
34) Hexachlorobutadiene	10.869	225	57093	8.049	ng		97
35) Caprolactam	11.481	113	30585	7.488	ng	#	58
36) 4-Chloro-3-methylphenol	11.828	107	107535	7.472	ng		89
37) 2-Methylnaphthalene	12.198	142	248410	8.368	ng		98
38) 1-Methylnaphthalene	12.422	142	229156	8.123	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	105069	8.478	ng	#	94
41) Hexachlorocyclopentadiene	12.545	237	64915	9.876	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	61161	7.227	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	68868	7.352	ng	#	83
46) 1,1'-Biphenyl	13.222	154	310373	8.659	ng		96
47) 2-Chloronaphthalene	13.257	162	229033	8.298	ng		95
48) 2-Nitroaniline	13.469	65	71303	7.320	ng	#	86
49) Acenaphthylene	14.104	152	365654	8.216	ng		99
50) Dimethylphthalate	13.851	163	284580	8.256	ng		98
51) 2,6-Dinitrotoluene	13.969	165	56766	7.380	ng	#	81
52) Acenaphthene	14.451	154	221502	8.178	ng		100
53) 3-Nitroaniline	14.298	138	63878	7.491	ng		90
54) 2,4-Dinitrophenol	14.504	184	20213	5.025	ng	#	80
55) Dibenzofuran	14.787	168	348516	8.180	ng		94
56) 4-Nitrophenol	14.604	139	51088	6.900	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	71710	6.952	ng	#	72
58) Fluorene	15.434	166	275252	8.083	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	58047	7.394	ng	#	70
60) Diethylphthalate	15.222	149	293467	8.106	ng		96
61) 4-Chlorophenyl-phenyle...	15.439	204	129283	8.383	ng		92
62) 4-Nitroaniline	15.457	138	65286	7.215	ng		89
63) Azobenzene	15.734	77	327271	7.753	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	29692	5.203	ng		70
66) n-Nitrosodiphenylamine	15.657	169	232462	7.918	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	70033	7.814	ng	#	85
68) Hexachlorobenzene	16.439	284	84708	8.306	ng	#	89
69) Atrazine	16.616	200	74202	8.100	ng		96
70) Pentachlorophenol	16.786	266	46774	7.229	ng		97
71) Phenanthrene	17.180	178	437341	8.301	ng		99
72) Anthracene	17.275	178	425921	8.366	ng		99
73) Carbazole	17.551	167	400645	7.716	ng		97
74) Di-n-butylphthalate	18.116	149	436854	7.384	ng		98
75) Fluoranthene	19.157	202	469682	7.943	ng		94
77) Benzidine	19.345	184	236359	10.207	ng		98
78) Pyrene	19.510	202	493316	7.981	ng		99
80) Butylbenzylphthalate	20.404	149	182316	6.707	ng	#	85
81) Benzo(a)anthracene	21.227	228	480846	7.951	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	156726	9.871	ng	#	97
83) Chrysene	21.274	228	474584	8.094	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	283181	6.933	ng	#	96
85) Di-n-octyl phthalate	22.074	149	438169	6.508	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.974	276	534723	7.808	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	491765	8.011	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	475113	8.061	ng	#	95
90) Benzo(a)pyrene	23.468	252	446483	8.109	ng	#	94
91) Dibenzo(a,h)anthracene	25.998	278	463648	7.830	ng	#	93
92) Benzo(g,h,i)perylene	26.709	276	451284	7.953	ng	#	90

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

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