Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006469.D
Acq On : 03 Aug 2021 02:53
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WATER-10ppm
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2021

Quant Time: Aug 03 05:42:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:37:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	245921	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1050898	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	622318	20.000	ng		0.00
64) Phenanthrene-d10	17.140	188	1214953	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1200284	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	1232408	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1950479	123.687	ng		0.00
7) Phenol-d6	6.940	99	2739748	123.060	ng		0.00
23) Nitrobenzene-d5	8.916	82	1118382	50.174	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	795219	124.969	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2017373	48.590	ng		0.00
79) Terphenyl-d14	19.716	244	2936324	49.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	77883	11.145	ng		89
3) Pyridine	3.705	79	197119	9.767	ng		94
4) n-Nitrosodimethylamine	3.623	42	84157	11.040	ng	#	83
6) Aniline	7.099	93	293137	12.045	ng		93
8) 2-Chlorophenol	7.328	128	180557	10.585	ng		89
9) Benzaldehyde	6.911	77	194332	13.929	ng		93
10) Phenol	6.964	94	237069	10.568	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	189613	11.043	ng		91
12) 1,3-Dichlorobenzene	7.646	146	191602	10.643	ng		97
13) 1,4-Dichlorobenzene	7.793	146	195891	10.756	ng		97
14) 1,2-Dichlorobenzene	8.105	146	188759	10.786	ng		96
15) Benzyl Alcohol	8.005	79	175059	10.501	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.287	45	229810	11.341	ng		91
17) 2-Methylphenol	8.205	107	149500	10.652	ng		100
18) Hexachloroethane	8.828	117	79562	11.148	ng	#	85
19) n-Nitroso-di-n-propyla...	8.569	70	161971	10.972	ng	#	95
20) 3+4-Methylphenols	8.528	107	201044	10.503	ng		97
22) Acetophenone	8.581	105	300589	10.848	ng	#	96
24) Nitrobenzene	8.958	77	238387	10.303	ng		90
25) Isophorone	9.481	82	393891	9.897	ng		95
26) 2-Nitrophenol	9.663	139	78294	9.453	ng	#	90
27) 2,4-Dimethylphenol	9.728	122	164136	11.581	ng		94
28) bis(2-Chloroethoxy)met...	9.969	93	251760	11.569	ng		97
29) 2,4-Dichlorophenol	10.187	162	140700	9.820	ng		93
30) 1,2,4-Trichlorobenzene	10.405	180	160198	10.295	ng		95
31) Naphthalene	10.593	128	574761	10.267	ng		98
32) Benzoic acid	9.805	122	75908	7.054	ng		93
33) 4-Chloroaniline	10.710	127	242132	10.819	ng		94
34) Hexachlorobutadiene	10.875	225	92418	10.160	ng		99
35) Caprolactam	11.487	113	51073	9.722	ng	#	61
36) 4-Chloro-3-methylphenol	11.834	107	183078	10.243	ng		91
37) 2-Methylnaphthalene	12.204	142	397871	10.588	ng		99
38) 1-Methylnaphthalene	12.422	142	365198	10.232	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	169233	10.434	ng	#	96
41) Hexachlorocyclopentadiene	12.552	237	110126	12.811	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	102520	9.424	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	115923	9.627	ng	#	85
46) 1,1'-Biphenyl	13.222	154	501190	10.654	ng		97
47) 2-Chloronaphthalene	13.263	162	365064	10.077	ng		95
48) 2-Nitroaniline	13.469	65	120886	9.950	ng	#	83
49) Acenaphthylene	14.110	152	595892	10.353	ng		99
50) Dimethylphthalate	13.857	163	466015	10.416	ng		99
51) 2,6-Dinitrotoluene	13.969	165	93327	9.587	ng	#	74
52) Acenaphthene	14.451	154	353290	9.955	ng		96
53) 3-Nitroaniline	14.298	138	106705	9.890	ng	#	79
54) 2,4-Dinitrophenol	14.504	184	38775	7.338	ng	#	86
55) Dibenzofuran	14.787	168	561289	10.097	ng		95
56) 4-Nitrophenol	14.604	139	87651	8.945	ng	#	85
57) 2,4-Dinitrotoluene	14.757	165	123104	9.474	ng	#	79
58) Fluorene	15.440	166	452905	10.256	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	98124	9.715	ng	#	71
60) Diethylphthalate	15.228	149	489939	10.532	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	206587	10.295	ng		90
62) 4-Nitroaniline	15.463	138	111525	9.769	ng		91
63) Azobenzene	15.734	77	553021	10.295	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	52843	7.269	ng		69
66) n-Nitrosodiphenylamine	15.657	169	386148	10.265	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	116493	10.000	ng	#	86
68) Hexachlorobenzene	16.440	284	135530	10.325	ng	#	86
69) Atrazine	16.616	200	128844	11.133	ng		95
70) Pentachlorophenol	16.787	266	77973	9.555	ng		98
71) Phenanthrene	17.181	178	697407	10.235	ng		99
72) Anthracene	17.275	178	699354	10.712	ng		99
73) Carbazole	17.545	167	656698	9.903	ng		98
74) Di-n-butylphthalate	18.116	149	769750	10.280	ng		99
75) Fluoranthene	19.157	202	759244	10.011	ng		94
77) Benzidine	19.345	184	429671	14.544	ng		98
78) Pyrene	19.510	202	805669	10.181	ng		98
80) Butylbenzylphthalate	20.398	149	330744	9.674	ng	#	84
81) Benzo(a)anthracene	21.222	228	770788	9.975	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	271793	13.270	ng	#	98
83) Chrysene	21.275	228	768501	10.207	ng		100
84) Bis(2-ethylhexyl)phtha...	21.163	149	519392	9.835	ng	#	94
85) Di-n-octyl phthalate	22.069	149	818127	9.148	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.963	276	875199	9.898	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	789814	9.983	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	763537	9.949	ng	#	96
90) Benzo(a)pyrene	23.463	252	723221	10.211	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	753251	9.836	ng	#	93
92) Benzo(g,h,i)perylene	26.704	276	731531	9.964	ng	#	89

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

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