Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006466.D
Acq On : 03 Aug 2021 01:11
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2021

Quant Time: Aug 03 05:50:23 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	175200	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	753870	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	443908	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	892401	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	913748	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	949439	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1188335	105.775	ng		0.00
7) Phenol-d6	6.934	99	1696771	106.977	ng		0.00
23) Nitrobenzene-d5	8.916	82	784422	49.057	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	497385	109.579	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1420974	47.981	ng		0.00
79) Terphenyl-d14	19.716	244	2522917	55.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	19421	3.901	ng		89
3) Pyridine	3.705	79	48984	3.407	ng		93
4) n-Nitrosodimethylamine	3.617	42	21710	3.998	ng	#	95
6) Aniline	7.093	93	75078	4.330	ng		91
8) 2-Chlorophenol	7.322	128	47311	3.893	ng		85
9) Benzaldehyde	6.911	77	52978	5.330	ng		91
10) Phenol	6.958	94	61394	3.841	ng		88
11) bis(2-Chloroethyl)ether	7.193	93	49334	4.033	ng		90
12) 1,3-Dichlorobenzene	7.646	146	50498	3.937	ng	#	94
13) 1,4-Dichlorobenzene	7.793	146	51522	3.971	ng		94
14) 1,2-Dichlorobenzene	8.105	146	49425	3.964	ng		94
15) Benzyl Alcohol	8.005	79	43719	3.681	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.287	45	60374	4.182	ng		91
17) 2-Methylphenol	8.199	107	36752	3.676	ng		96
18) Hexachloroethane	8.828	117	20896	4.110	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	41688	3.964	ng	#	94
20) 3+4-Methylphenols	8.528	107	48882	3.585	ng		99
22) Acetophenone	8.581	105	79384	3.994	ng	#	98
24) Nitrobenzene	8.958	77	65343	3.937	ng		88
25) Isophorone	9.481	82	96034	3.364	ng		95
26) 2-Nitrophenol	9.663	139	18079	3.043	ng		96
27) 2,4-Dimethylphenol	9.728	122	39261	3.862	ng		94
28) bis(2-Chloroethoxy)met...	9.969	93	63673	4.079	ng		97
29) 2,4-Dichlorophenol	10.193	162	31398	3.055	ng		93
30) 1,2,4-Trichlorobenzene	10.405	180	41549	3.722	ng	#	97
31) Naphthalene	10.593	128	153277	3.817	ng		99
32) Benzoic acid	9.775	122	14092	1.825	ng		95
33) 4-Chloroaniline	10.710	127	60138	3.746	ng	#	93
34) Hexachlorobutadiene	10.875	225	24189	3.707	ng		93
35) Caprolactam	11.487	113	10755	2.854	ng	#	54
36) 4-Chloro-3-methylphenol	11.834	107	39997	3.120	ng		92
37) 2-Methylnaphthalene	12.204	142	104468	3.875	ng		97
38) 1-Methylnaphthalene	12.422	142	94510	3.691	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	44337	3.832	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	26048	4.248	ng		95
43) 2,4,6-Trichlorophenol	12.816	196	22968	2.960	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	25170	2.930	ng	#	88
46) 1,1'-Biphenyl	13.222	154	132419	3.946	ng		95
47) 2-Chloronaphthalene	13.263	162	96643	3.740	ng		94
48) 2-Nitroaniline	13.469	65	26577	3.067	ng	#	82
49) Acenaphthylene	14.104	152	148327	3.613	ng		99
50) Dimethylphthalate	13.857	163	120571	3.778	ng		99
51) 2,6-Dinitrotoluene	13.969	165	21224	3.057	ng	#	78
52) Acenaphthene	14.451	154	94169	3.720	ng		97
53) 3-Nitroaniline	14.298	138	23877	3.103	ng	#	73
54) 2,4-Dinitrophenol	14.504	184	8049	2.135	ng	#	82
55) Dibenzofuran	14.787	168	149631	3.774	ng		93
56) 4-Nitrophenol	14.604	139	18460	2.641	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	26044	2.810	ng	#	73
58) Fluorene	15.434	166	117115	3.718	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.010	232	22488	3.121	ng	#	67
60) Diethylphthalate	15.222	149	123699	3.728	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	54668	3.819	ng	#	88
62) 4-Nitroaniline	15.457	138	23742	2.916	ng		92
63) Azobenzene	15.728	77	128118	3.344	ng		91
65) 4,6-Dinitro-2-methylph...	15.516	198	11129	2.084	ng		67
66) n-Nitrosodiphenylamine	15.651	169	96907	3.507	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	30761	3.595	ng	#	82
68) Hexachlorobenzene	16.439	284	37314	3.870	ng	#	87
69) Atrazine	16.616	200	30801	3.623	ng		98
70) Pentachlorophenol	16.787	266	17511	2.922	ng		98
71) Phenanthrene	17.181	178	192778	3.852	ng		99
72) Anthracene	17.275	178	176550	3.682	ng		99
73) Carbazole	17.545	167	163587	3.359	ng		99
74) Di-n-butylphthalate	18.116	149	174052	3.165	ng	#	97
75) Fluoranthene	19.157	202	197400	3.543	ng		94
77) Benzidine	19.345	184	90911	4.042	ng		99
78) Pyrene	19.510	202	210995	3.503	ng		98
80) Butylbenzylphthalate	20.398	149	70324	2.702	ng	#	84
81) Benzo(a)anthracene	21.222	228	209819	3.567	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	64230	4.119	ng	#	95
83) Chrysene	21.275	228	216115	3.771	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	109069	2.713	ng	#	94
85) Di-n-octyl phthalate	22.069	149	170157	2.499	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.974	276	241596	3.547	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	214802	3.524	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	210192	3.555	ng	#	95
90) Benzo(a)pyrene	23.463	252	191350	3.507	ng	#	94
91) Dibenzo(a,h)anthracene	25.986	278	209368	3.549	ng	#	91
92) Benzo(g,h,i)perylene	26.698	276	204868	3.622	ng	#	86

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

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