Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006467.D
Acq On : 03 Aug 2021 01:45
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:20 AM

Quant Time: Aug 03 05:41:30 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	165809	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	668172	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	378392	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	738744	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	788033	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	850433	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1222359	114.966	ng		0.00
7) Phenol-d6	6.934	99	1624739	108.237	ng		0.00
23) Nitrobenzene-d5	8.916	82	803846	56.720	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	425232	109.904	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1396787	55.330	ng		0.00
79) Terphenyl-d14	19.716	244	2014025	51.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	44471	9.438	ng		91
3) Pyridine	3.705	79	111701	8.209	ng		93
4) n-Nitrosodimethylamine	3.617	42	46616	9.070	ng	#	92
6) Aniline	7.093	93	156935	9.564	ng		90
8) 2-Chlorophenol	7.322	128	100104	8.704	ng		87
9) Benzaldehyde	6.911	77	107615	11.440	ng		90
10) Phenol	6.958	94	129907	8.589	ng		95
11) bis(2-Chloroethyl)ether	7.193	93	102453	8.849	ng		91
12) 1,3-Dichlorobenzene	7.646	146	107151m	8.828	ng		
13) 1,4-Dichlorobenzene	7.793	146	110863	9.028	ng		97
14) 1,2-Dichlorobenzene	8.105	146	103862	8.802	ng		92
15) Benzyl Alcohol	8.005	79	92157	8.199	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.299	45	123565	9.044	ng		91
17) 2-Methylphenol	8.205	107	79243	8.374	ng		96
18) Hexachloroethane	8.828	117	43447	9.029	ng	#	85
19) n-Nitroso-di-n-propyla...	8.569	70	84161	8.456	ng	#	95
20) 3+4-Methylphenols	8.528	107	106388	8.243	ng		97
22) Acetophenone	8.581	105	161689	9.178	ng	#	96
24) Nitrobenzene	8.958	77	130005	8.837	ng	#	88
25) Isophorone	9.481	82	197231	7.795	ng		95
26) 2-Nitrophenol	9.663	139	37925	7.202	ng	#	89
27) 2,4-Dimethylphenol	9.728	122	84010	9.323	ng		92
28) bis(2-Chloroethoxy)met...	9.969	93	128044	9.254	ng		97
29) 2,4-Dichlorophenol	10.193	162	71952	7.898	ng		95
30) 1,2,4-Trichlorobenzene	10.405	180	87146	8.808	ng		97
31) Naphthalene	10.593	128	310243	8.716	ng		99
32) Benzoic acid	9.793	122	32035	4.682	ng		93
33) 4-Chloroaniline	10.710	127	124558	8.753	ng		96
34) Hexachlorobutadiene	10.875	225	48456	8.378	ng		96
35) Caprolactam	11.487	113	23020	6.892	ng	#	76
36) 4-Chloro-3-methylphenol	11.834	107	88240	7.765	ng		92
37) 2-Methylnaphthalene	12.204	142	201877	8.450	ng		98
38) 1-Methylnaphthalene	12.422	142	190566	8.398	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	86401	8.761	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	53753	10.284	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	49962	7.554	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	56587	7.728	ng	#	89
46) 1,1'-Biphenyl	13.222	154	257543	9.004	ng		96
47) 2-Chloronaphthalene	13.263	162	187594	8.516	ng		95
48) 2-Nitroaniline	13.469	65	56943	7.708	ng	#	83
49) Acenaphthylene	14.110	152	300606	8.590	ng		99
50) Dimethylphthalate	13.857	163	231158	8.498	ng	#	98
51) 2,6-Dinitrotoluene	13.969	165	43532	7.355	ng	#	65
52) Acenaphthene	14.451	154	182292	8.447	ng		99
53) 3-Nitroaniline	14.298	138	48985	7.467	ng	#	73
54) 2,4-Dinitrophenol	14.504	184	17553	5.463	ng	#	86
55) Dibenzofuran	14.787	168	287713	8.512	ng		94
56) 4-Nitrophenol	14.604	139	41788	7.014	ng	#	86
57) 2,4-Dinitrotoluene	14.757	165	54940	6.953	ng	#	68
58) Fluorene	15.440	166	226632	8.440	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	46431	7.560	ng	#	69
60) Diethylphthalate	15.222	149	235621	8.330	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	104232	8.543	ng	#	89
62) 4-Nitroaniline	15.457	138	50549	7.282	ng		89
63) Azobenzene	15.734	77	261244	7.999	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	24979	5.651	ng		70
66) n-Nitrosodiphenylamine	15.651	169	191936	8.391	ng		97
67) 4-Bromophenyl-phenylether	16.334	248	58458	8.253	ng	#	84
68) Hexachlorobenzene	16.439	284	68433	8.574	ng	#	86
69) Atrazine	16.616	200	61395	8.725	ng		96
70) Pentachlorophenol	16.787	266	35153	7.085	ng		94
71) Phenanthrene	17.181	178	359670	8.681	ng		100
72) Anthracene	17.275	178	342971	8.640	ng		100
73) Carbazole	17.545	167	329764	8.179	ng		99
74) Di-n-butylphthalate	18.116	149	344678	7.570	ng		99
75) Fluoranthene	19.157	202	388278	8.420	ng		95
77) Benzidine	19.345	184	204215	10.529	ng		98
78) Pyrene	19.504	202	417723	8.040	ng		99
80) Butylbenzylphthalate	20.398	149	149665	6.668	ng	#	83
81) Benzo(a)anthracene	21.222	228	416232	8.204	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	137719	10.242	ng	#	97
83) Chrysene	21.275	228	422803	8.553	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	237000	6.835	ng	#	95
85) Di-n-octyl phthalate	22.069	149	383880	6.538	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.968	276	524643	8.599	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	442281	8.101	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	437713	8.265	ng	#	95
90) Benzo(a)pyrene	23.463	252	417745	8.547	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	458036	8.668	ng	#	92
92) Benzo(g,h,i)perylene	26.710	276	444320	8.770	ng	#	91

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

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