Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
Data File : BP007998.D
Acq On : 16 Nov 2021 14:30
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 15:03:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 12:59:06 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	138024	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	546585	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	396930	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	901500	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	1114451	20.000	ng	#	0.00
86) Perylene-d12	23.739	264	1249525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1153061	135.522	ng		0.00
7) Phenol-d6	7.016	99	1542867	136.308	ng		0.00
23) Nitrobenzene-d5	8.998	82	916130	89.694	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	933096	149.410	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	2367155	83.653	ng		0.00
79) Terphenyl-d14	19.810	244	4033670	73.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	15455	4.316	ng		97
3) Pyridine	3.746	79	35882m	3.493	ng		
4) n-Nitrosodimethylamine	3.646	42	17452	4.600	ng		95
6) Aniline	7.169	93	62008	4.851	ng		94
8) 2-Chlorophenol	7.410	128	40986	4.556	ng		99
9) Benzaldehyde	6.981	77	36372	4.982	ng		98
10) Phenol	7.040	94	49710	4.527	ng		81
11) bis(2-Chloroethyl)ether	7.269	93	39815	4.412	ng		98
12) 1,3-Dichlorobenzene	7.728	146	42941	4.245	ng		98
13) 1,4-Dichlorobenzene	7.875	146	44876	4.364	ng		97
14) 1,2-Dichlorobenzene	8.193	146	42792	4.121	ng		96
15) Benzyl Alcohol	8.081	79	34244	4.000	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.369	45	44703	4.099	ng		97
17) 2-Methylphenol	8.293	107	30771	4.069	ng		97
18) Hexachloroethane	8.922	117	14871	4.264	ng	#	89
19) n-Nitroso-di-n-propyla...	8.651	70	28949	4.108	ng		97
20) 3+4-Methylphenols	8.616	107	41062	3.918	ng		98
22) Acetophenone	8.663	105	59640	4.290	ng	#	98
24) Nitrobenzene	9.040	77	47297	4.845	ng		97
25) Isophorone	9.575	82	78195	4.401	ng		97
26) 2-Nitrophenol	9.751	139	19282	3.869	ng		96
27) 2,4-Dimethylphenol	9.822	122	35386	4.807	ng		90
28) bis(2-Chloroethoxy)met...	10.057	93	49168	4.171	ng		99
29) 2,4-Dichlorophenol	10.298	162	36243	4.000	ng		96
30) 1,2,4-Trichlorobenzene	10.504	180	45564	4.394	ng		99
31) Naphthalene	10.692	128	123361	4.420	ng		100
33) 4-Chloroaniline	10.804	127	50137	4.182	ng		93
34) Hexachlorobutadiene	10.986	225	32436	4.578	ng		96
35) Caprolactam	11.586	113	10395	5.223	ng	#	85
36) 4-Chloro-3-methylphenol	11.939	107	40784	3.983	ng		93
37) 2-Methylnaphthalene	12.304	142	95545	4.684	ng		97
38) 1-Methylnaphthalene	12.522	142	88316m	4.439	ng		
40) 1,2,4,5-Tetrachloroben...	12.675	216	54916	4.152	ng	#	98
41) Hexachlorocyclopentadiene	12.651	237	20144	3.317	ng		95
43) 2,4,6-Trichlorophenol	12.916	196	33500	3.707	ng		98
44) 2,4,5-Trichlorophenol	12.992	196	37066	3.775	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.316	154	122690	4.138	ng		98
47) 2-Chloronaphthalene	13.351	162	98695	4.256	ng		98
48) 2-Nitroaniline	13.563	65	22723	3.452	ng		98
49) Acenaphthylene	14.198	152	151529	4.295	ng		98
50) Dimethylphthalate	13.939	163	132097	4.206	ng		100
51) 2,6-Dinitrotoluene	14.057	165	25111	3.849	ng		93
52) Acenaphthene	14.545	154	93995	4.451	ng		99
53) 3-Nitroaniline	14.386	138	24319	3.656	ng		96
54) 2,4-Dinitrophenol	14.604	184	8479	2.154	ng		93
55) Dibenzofuran	14.880	168	160609	4.472	ng		97
56) 4-Nitrophenol	14.716	139	16973	3.131	ng		99
57) 2,4-Dinitrotoluene	14.851	165	34261	3.945	ng		92
58) Fluorene	15.533	166	125688	4.399	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	35430m	3.962	ng		
60) Diethylphthalate	15.310	149	130910	4.325	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	70979	4.593	ng		98
62) 4-Nitroaniline	15.551	138	25286	3.699	ng		93
63) Azobenzene	15.822	77	105539	4.141	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	16628	2.814	ng		88
66) n-Nitrosodiphenylamine	15.745	169	112346	4.354	ng		97
67) 4-Bromophenyl-phenylether	16.427	248	44180	4.190	ng		98
68) Hexachlorobenzene	16.545	284	53415	4.498	ng		95
69) Atrazine	16.704	200	42393	6.301	ng		96
70) Pentachlorophenol	16.892	266	25883	3.574	ng		96
71) Phenanthrene	17.280	178	213354	4.442	ng		99
72) Anthracene	17.374	178	208280	4.424	ng		98
73) Carbazole	17.645	167	186083	4.013	ng		99
74) Di-n-butylphthalate	18.204	149	209253	3.988	ng		99
75) Fluoranthene	19.251	202	263550	4.334	ng		97
77) Benzidine	19.433	184	119510	6.989	ng		98
78) Pyrene	19.604	202	278107	4.173	ng		99
80) Butylbenzylphthalate	20.486	149	95591	3.474	ng		95
81) Benzo(a)anthracene	21.315	228	307336	4.189	ng		98
82) 3,3'-Dichlorobenzidine	21.251	252	111631	3.296	ng		97
83) Chrysene	21.368	228	305633	4.346	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	156360	3.980	ng	#	98
85) Di-n-octyl phthalate	22.174	149	264662	3.655	ng		97
87) Indeno(1,2,3-cd)pyrene	26.250	276	383164	4.247	ng	#	95
88) Benzo(b)fluoranthene	23.003	252	332115	4.465	ng		99
89) Benzo(k)fluoranthene	23.051	252	337634m	4.544	ng		
90) Benzo(a)pyrene	23.633	252	318425	5.005	ng		97
91) Dibenzo(a,h)anthracene	26.268	278	326219	4.359	ng	#	96
92) Benzo(g,h,i)perylene	27.021	276	320392	4.343	ng	#	93

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

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