Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005049.D
Acq On : 25 Mar 2021 17:14
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WTR-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/26/2021 1:30:54 PM

Quant Time: Mar 25 17:42:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 15:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	27152	20.00	ng		# 0.00
21) Naphthalene-d8	10.504	136	103685	20.00	ng		# 0.00
39) Acenaphthene-d10	14.369	164	71849	20.00	ng		0.00
64) Phenanthrene-d10	17.127	188	155542	20.00	ng		# 0.00
76) Chrysene-d12	21.221	240	160726	20.00	ng		0.00
86) Perylene-d12	23.509	264	162245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	148649	84.25	ng		0.00
7) Phenol-d6	6.893	99	211523	83.70	ng		0.00
23) Nitrobenzene-d5	8.875	82	164421	68.04	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	86435	92.33	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	357556	67.32	ng		0.00
79) Terphenyl-d14	19.704	244	618940	70.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	3644	4.74	ng		95
3) Pyridine	3.693	79	7398	3.87	ng		91
4) n-Nitrosodimethylamine	3.575	42	2399	3.51	ng	#	54
6) Aniline	7.051	93	15013	5.24	ng		93
8) 2-Chlorophenol	7.281	128	8951	4.81	ng	#	79
9) Benzaldehyde	6.869	77	9120	1.61	ng		86
10) Phenol	6.916	94	12371	4.78	ng		79
11) bis(2-Chloroethyl)ether	7.151	93	9207	4.86	ng		94
12) 1,3-Dichlorobenzene	7.604	146	9644	4.66	ng	#	83
13) 1,4-Dichlorobenzene	7.751	146	10070	4.80	ng	#	92
14) 1,2-Dichlorobenzene	8.069	146	10242	5.09	ng		95
15) Benzyl Alcohol	7.963	79	8070	4.14	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.257	45	6722	4.83	ng		82
17) 2-Methylphenol	8.163	107	7604	4.60	ng	#	73
18) Hexachloroethane	8.787	117	3822	4.78	ng	#	74
19) n-Nitroso-di-n-propyla...	8.528	70	7547	4.60	ng	#	94
20) 3+4-Methylphenols	8.487	107	9866	4.37	ng		89
22) Acetophenone	8.545	105	14786	4.96	ng	#	89
24) Nitrobenzene	8.922	77	12892	5.06	ng	#	75
25) Isophorone	9.445	82	20331	4.56	ng	#	89
26) 2-Nitrophenol	9.628	139	4223	4.28	ng	#	76
27) 2,4-Dimethylphenol	9.692	122	8017	5.05	ng	#	83
28) bis(2-Chloroethoxy)met...	9.934	93	12488	5.53	ng		92
29) 2,4-Dichlorophenol	10.163	162	8161	4.59	ng		90
30) 1,2,4-Trichlorobenzene	10.375	180	9463	4.74	ng	#	96
31) Naphthalene	10.557	128	27972	4.78	ng		98
32) Benzoic acid	9.763	122	2465	2.09	ng	#	59
33) 4-Chloroaniline	10.675	127	11726	4.95	ng	#	86
34) Hexachlorobutadiene	10.845	225	6337	4.93	ng		92
35) Caprolactam	11.463	113	2355	4.04	ng	#	79
36) 4-Chloro-3-methylphenol	11.810	107	9626	4.48	ng		84
37) 2-Methylnaphthalene	12.181	142	20902	4.94	ng	#	91
38) 1-Methylnaphthalene	12.398	142	19307	4.87	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.551	216	11772	5.03	ng	#	97
41) Hexachlorocyclopentadiene	12.522	237	5975	4.69	ng		95
43) 2,4,6-Trichlorophenol	12.792	196	6670	4.12	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	7481	4.27	ng		95
46) 1,1'-Biphenyl	13.198	154	27577	5.03	ng		96
47) 2-Chloronaphthalene	13.239	162	21178	4.75	ng		97
48) 2-Nitroaniline	13.451	65	5964	4.20	ng	#	65
49) Acenaphthylene	14.092	152	31921	4.60	ng		98
50) Dimethylphthalate	13.833	163	26543	4.80	ng		99
51) 2,6-Dinitrotoluene	13.951	165	5990	4.59	ng	#	59
52) Acenaphthene	14.433	154	20058	4.70	ng		98
53) 3-Nitroaniline	14.286	138	5447	4.54	ng	#	81
54) 2,4-Dinitrophenol	14.498	184	2201	2.79	ng	#	85
55) Dibenzofuran	14.774	168	33412	4.78	ng		99
56) 4-Nitrophenol	14.604	139	3062	3.11	ng	#	21
57) 2,4-Dinitrotoluene	14.745	165	6930	4.02	ng	#	54
58) Fluorene	15.422	166	26882	4.76	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	6923	4.28	ng		97
60) Diethylphthalate	15.204	149	26182	4.84	ng		97
61) 4-Chlorophenyl-phenyle...	15.422	204	14538	4.85	ng		92
62) 4-Nitroaniline	15.451	138	4427m	3.59	ng		
63) Azobenzene	15.716	77	26763	4.33	ng		89
65) 4,6-Dinitro-2-methylph...	15.510	198	4179	3.68	ng		90
66) n-Nitrosodiphenylamine	15.639	169	23109	4.62	ng		96
67) 4-Bromophenyl-phenylether	16.321	248	8386	4.65	ng		97
68) Hexachlorobenzene	16.433	284	9857	4.86	ng		97
69) Atrazine	16.598	200	7133	4.30	ng		81
70) Pentachlorophenol	16.780	266	5154	3.85	ng		94
71) Phenanthrene	17.174	178	43607	4.84	ng		98
72) Anthracene	17.263	178	42272	4.80	ng		97
73) Carbazole	17.539	167	35766	4.32	ng		100
74) Di-n-butylphthalate	18.098	149	39552	4.34	ng	#	97
75) Fluoranthene	19.151	202	49462	4.66	ng		98
77) Benzidine	19.339	184	16241	4.61	ng		99
78) Pyrene	19.498	202	51617	4.67	ng		98
80) Butylbenzylphthalate	20.380	149	15710	3.83	ng	#	70
81) Benzo(a)anthracene	21.209	228	52512	4.81	ng		95
82) 3,3'-Dichlorobenzidine	21.145	252	17984	4.90	ng		97
83) Chrysene	21.256	228	50902	4.75	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	25586	4.26	ng		98
85) Di-n-octyl phthalate	22.027	149	42406	4.19	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.850	276	59323	4.88	ng		96
88) Benzo(b)fluoranthene	22.815	252	55373	4.81	ng		97
89) Benzo(k)fluoranthene	22.862	252	51533	4.67	ng		96
90) Benzo(a)pyrene	23.403	252	47672	4.61	ng		95
91) Dibenzo(a,h)anthracene	25.862	278	48503	4.61	ng		97
92) Benzo(g,h,i)perylene	26.568	276	47860	4.71	ng	#	92

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

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