Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005047.D
Acq On : 25 Mar 2021 16:06
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
3/26/2021 1:30:52 PM

Quant Time: Mar 25 16:36:42 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	7.722	152	25446	20.00	ng		# 0.00
21) Naphthalene-d8	10.516	136	98997	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	66928	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	146506	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	154807	20.00	ng		0.00
86) Perylene-d12	23.516	264	153507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.317	112	138514	83.77	ng		0.00
7) Phenol-d6	6.899	99	197214	83.27	ng		0.00
23) Nitrobenzene-d5	8.881	82	143199	62.06	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	75147	86.18	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	308806	62.42	ng		0.00
79) Terphenyl-d14	19.710	244	531712	62.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	3114	4.32	ng	#	95
3) Pyridine	3.705	79	5505m	3.07	ng		
4) n-Nitrosodimethylamine	3.587	42	2128	3.32	ng	#	68
6) Aniline	7.058	93	11699	4.36	ng	#	88
8) 2-Chlorophenol	7.287	128	6958	3.99	ng	#	79
9) Benzaldehyde	6.875	77	7559	0.52	ng	#	77
10) Phenol	6.922	94	9294	3.83	ng	#	66
11) bis(2-Chloroethyl)ether	7.152	93	7546	4.25	ng		89
12) 1,3-Dichlorobenzene	7.611	146	8178	4.22	ng	#	86
13) 1,4-Dichlorobenzene	7.758	146	8071	4.10	ng	#	93
14) 1,2-Dichlorobenzene	8.075	146	8184	4.34	ng		95
15) Benzyl Alcohol	7.969	79	6510	3.56	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.258	45	5520	4.23	ng		79
17) 2-Methylphenol	8.169	107	6200	4.00	ng	#	87
18) Hexachloroethane	8.799	117	3056	4.08	ng	#	82
19) n-Nitroso-di-n-propyla...	8.534	70	5819	3.79	ng	#	93
20) 3+4-Methylphenols	8.493	107	7591	3.59	ng		94
22) Acetophenone	8.552	105	11772	4.14	ng	#	90
24) Nitrobenzene	8.922	77	9299	3.82	ng	#	71
25) Isophorone	9.452	82	15484	3.64	ng	#	88
26) 2-Nitrophenol	9.634	139	3304	3.50	ng	#	57
27) 2,4-Dimethylphenol	9.699	122	6030	3.98	ng	#	72
28) bis(2-Chloroethoxy)met...	9.934	93	9175	4.26	ng		100
29) 2,4-Dichlorophenol	10.163	162	5744	3.39	ng		92
30) 1,2,4-Trichlorobenzene	10.375	180	7770	4.08	ng		88
31) Naphthalene	10.563	128	22063	3.95	ng		96
32) Benzoic acid	9.763	122	2943m	2.61	ng		
33) 4-Chloroaniline	10.687	127	8930	3.95	ng	#	83
34) Hexachlorobutadiene	10.846	225	4514	3.68	ng	#	81
35) Caprolactam	11.481	113	1825	3.28	ng	#	84
36) 4-Chloro-3-methylphenol	11.810	107	7527	3.67	ng		85
37) 2-Methylnaphthalene	12.187	142	15682	3.88	ng	#	94
38) 1-Methylnaphthalene	12.404	142	15349	4.06	ng	#	90
40) 1,2,4,5-Tetrachloroben...	12.557	216	8971	4.12	ng	#	98
41) Hexachlorocyclopentadiene	12.534	237	4959	4.18	ng		93
43) 2,4,6-Trichlorophenol	12.799	196	4954	3.29	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	5474	3.35	ng	#	82
46) 1,1'-Biphenyl	13.204	154	20418	4.00	ng		94
47) 2-Chloronaphthalene	13.246	162	16755	4.03	ng		94
48) 2-Nitroaniline	13.457	65	4094	3.09	ng	#	52
49) Acenaphthylene	14.098	152	24173	3.74	ng	#	97
50) Dimethylphthalate	13.834	163	20701	4.02	ng	#	93
51) 2,6-Dinitrotoluene	13.957	165	3960	3.26	ng	#	58
52) Acenaphthene	14.440	154	15463	3.89	ng		97
53) 3-Nitroaniline	14.293	138	3613	3.23	ng	#	67
54) 2,4-Dinitrophenol	14.504	184	1603	2.18	ng	#	67
55) Dibenzofuran	14.781	168	26297	4.03	ng		96
56) 4-Nitrophenol	14.616	139	2518m	2.75	ng		
57) 2,4-Dinitrotoluene	14.751	165	4914	3.06	ng	#	52
58) Fluorene	15.434	166	20144	3.83	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.010	232	5560	3.69	ng		95
60) Diethylphthalate	15.210	149	19306	3.83	ng		97
61) 4-Chlorophenyl-phenyle...	15.428	204	11490	4.11	ng		97
62) 4-Nitroaniline	15.463	138	3172	2.76	ng	#	53
63) Azobenzene	15.722	77	19705	3.42	ng		88
65) 4,6-Dinitro-2-methylph...	15.510	198	2923	2.73	ng		86
66) n-Nitrosodiphenylamine	15.645	169	17873	3.79	ng		93
67) 4-Bromophenyl-phenylether	16.328	248	6574	3.87	ng		93
68) Hexachlorobenzene	16.434	284	7910	4.14	ng	#	92
69) Atrazine	16.604	200	5638	3.60	ng		96
70) Pentachlorophenol	16.787	266	3869	3.07	ng		92
71) Phenanthrene	17.181	178	33678	3.97	ng		99
72) Anthracene	17.269	178	32307m	3.89	ng		
73) Carbazole	17.545	167	27836	3.57	ng		98
74) Di-n-butylphthalate	18.104	149	30056	3.50	ng	#	94
75) Fluoranthene	19.151	202	38033	3.81	ng		94
77) Benzidine	19.345	184	11191	3.29	ng	#	93
78) Pyrene	19.504	202	39143	3.68	ng		99
80) Butylbenzylphthalate	20.386	149	12545	3.18	ng	#	68
81) Benzo(a)anthracene	21.210	228	40268	3.83	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	13474	3.81	ng		100
83) Chrysene	21.263	228	40050	3.88	ng		95
84) Bis(2-ethylhexyl)phtha...	21.145	149	18635	3.22	ng		96
85) Di-n-octyl phthalate	22.027	149	31939	3.27	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.863	276	43702	3.80	ng		96
88) Benzo(b)fluoranthene	22.822	252	42716	3.92	ng		98
89) Benzo(k)fluoranthene	22.869	252	40144m	3.84	ng		
90) Benzo(a)pyrene	23.416	252	36108	3.69	ng	#	95
91) Dibenzo(a,h)anthracene	25.868	278	36316	3.65	ng		97
92) Benzo(g,h,i)perylene	26.574	276	37369	3.89	ng		98

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

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