Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005048.D
Acq On : 25 Mar 2021 16:40
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 25 17:08:55 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	24028	20.00	ng		# 0.00
21) Naphthalene-d8	10.504	136	90158	20.00	ng		# 0.00
39) Acenaphthene-d10	14.369	164	60346	20.00	ng		0.00
64) Phenanthrene-d10	17.128	188	128439	20.00	ng		# 0.00
76) Chrysene-d12	21.221	240	132079	20.00	ng		0.00
86) Perylene-d12	23.510	264	137331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	119944	76.82	ng		0.00
7) Phenol-d6	6.893	99	166518	74.46	ng		0.00
23) Nitrobenzene-d5	8.875	82	134930	64.21	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	61826	78.63	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	284657	63.81	ng		0.00
79) Terphenyl-d14	19.704	244	478365	65.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	6634	9.76	ng		97
3) Pyridine	3.681	79	13294	7.86	ng		90
4) n-Nitrosodimethylamine	3.569	42	5313	8.79	ng	#	69
6) Aniline	7.052	93	24422	9.64	ng	#	89
8) 2-Chlorophenol	7.281	128	14513	8.81	ng	#	79
9) Benzaldehyde	6.869	77	15026	9.74	ng	#	78
10) Phenol	6.916	94	20230	8.83	ng		80
11) bis(2-Chloroethyl)ether	7.152	93	15490	9.23	ng		95
12) 1,3-Dichlorobenzene	7.605	146	16874	9.22	ng	#	89
13) 1,4-Dichlorobenzene	7.752	146	17229	9.28	ng	#	92
14) 1,2-Dichlorobenzene	8.069	146	16365	9.18	ng	#	92
15) Benzyl Alcohol	7.963	79	13867	8.04	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.240	45	11113	9.03	ng		89
17) 2-Methylphenol	8.163	107	13078	8.94	ng	#	89
18) Hexachloroethane	8.793	117	6515	9.20	ng		90
19) n-Nitroso-di-n-propyla...	8.522	70	12060	8.31	ng	#	88
20) 3+4-Methylphenols	8.487	107	16859	8.44	ng		90
22) Acetophenone	8.540	105	23386	9.02	ng	#	94
24) Nitrobenzene	8.916	77	19817	8.95	ng	#	76
25) Isophorone	9.446	82	31239	8.05	ng	#	86
26) 2-Nitrophenol	9.628	139	7125	8.30	ng	#	55
27) 2,4-Dimethylphenol	9.687	122	12996	9.41	ng		95
28) bis(2-Chloroethoxy)met...	9.928	93	19288	9.83	ng	#	94
29) 2,4-Dichlorophenol	10.163	162	12867	8.33	ng		92
30) 1,2,4-Trichlorobenzene	10.369	180	15539	8.95	ng		99
31) Naphthalene	10.557	128	46084	9.05	ng		97
32) Benzoic acid	9.769	122	4904	4.78	ng	#	57
33) 4-Chloroaniline	10.675	127	17819	8.65	ng	#	87
34) Hexachlorobutadiene	10.840	225	9752	8.73	ng		94
35) Caprolactam	11.451	113	3840	7.57	ng		96
36) 4-Chloro-3-methylphenol	11.804	107	16029	8.59	ng	#	75
37) 2-Methylnaphthalene	12.181	142	31935	8.68	ng	#	92
38) 1-Methylnaphthalene	12.398	142	30994	8.99	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	18863	9.60	ng		95
41) Hexachlorocyclopentadiene	12.528	237	10427	9.75	ng		98
43) 2,4,6-Trichlorophenol	12.793	196	10930	8.05	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	11985	8.15	ng	#	93
46) 1,1'-Biphenyl	13.198	154	41533	9.02	ng		96
47) 2-Chloronaphthalene	13.240	162	32076	8.56	ng		92
48) 2-Nitroaniline	13.451	65	9296	7.79	ng	#	53
49) Acenaphthylene	14.087	152	49114	8.43	ng		97
50) Dimethylphthalate	13.828	163	41599	8.95	ng		98
51) 2,6-Dinitrotoluene	13.951	165	8953	8.17	ng	#	45
52) Acenaphthene	14.434	154	31170	8.69	ng		98
53) 3-Nitroaniline	14.281	138	7816	7.75	ng	#	42
54) 2,4-Dinitrophenol	14.492	184	3673	5.54	ng	#	76
55) Dibenzofuran	14.775	168	51308	8.73	ng		97
56) 4-Nitrophenol	14.598	139	5159	6.24	ng	#	50
57) 2,4-Dinitrotoluene	14.739	165	11160	7.71	ng	#	43
58) Fluorene	15.428	166	41392	8.72	ng		93
59) 2,3,4,6-Tetrachlorophenol	14.998	232	11372	8.38	ng		98
60) Diethylphthalate	15.204	149	40670	8.95	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	21591	8.57	ng		99
62) 4-Nitroaniline	15.445	138	7956	7.68	ng	#	66
63) Azobenzene	15.716	77	42692	8.22	ng		86
65) 4,6-Dinitro-2-methylph...	15.510	198	7119	7.60	ng		96
66) n-Nitrosodiphenylamine	15.639	169	35626	8.63	ng		97
67) 4-Bromophenyl-phenylether	16.322	248	13096	8.80	ng		95
68) Hexachlorobenzene	16.428	284	14873	8.89	ng		93
69) Atrazine	16.592	200	11652	8.50	ng		95
70) Pentachlorophenol	16.781	266	8313	7.52	ng		91
71) Phenanthrene	17.169	178	64256	8.63	ng		97
72) Anthracene	17.263	178	64718	8.90	ng		96
73) Carbazole	17.539	167	57094	8.35	ng		96
74) Di-n-butylphthalate	18.098	149	60316	8.02	ng	#	97
75) Fluoranthene	19.151	202	76139	8.69	ng		99
77) Benzidine	19.339	184	27952	9.65	ng		98
78) Pyrene	19.504	202	80295	8.85	ng		96
80) Butylbenzylphthalate	20.380	149	26204	7.78	ng	#	76
81) Benzo(a)anthracene	21.210	228	81303	9.06	ng		95
82) 3,3'-Dichlorobenzidine	21.145	252	28596	9.48	ng		93
83) Chrysene	21.257	228	78805	8.95	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	39730	8.05	ng	#	99
85) Di-n-octyl phthalate	22.027	149	68602	8.24	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.851	276	91882	8.92	ng		96
88) Benzo(b)fluoranthene	22.816	252	86784	8.90	ng		97
89) Benzo(k)fluoranthene	22.863	252	81853	8.76	ng		97
90) Benzo(a)pyrene	23.404	252	73752	8.43	ng		97
91) Dibenzo(a,h)anthracene	25.857	278	78401	8.80	ng		96
92) Benzo(g,h,i)perylene	26.556	276	78707	9.16	ng	#	94

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

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