Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048542.D
Acq On : 1 Apr 2021 13:22
Operator : CG/JU
Sample : M1458-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:47 AM

Quant Time: Apr 01 14:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	20842	20.00	ng		# 0.00
21) Naphthalene-d8	10.923	136	86787	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	62190	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	148392	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	151336	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	148725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	98471	83.41	ng		0.00
7) Phenol-d6	7.245	99	142316	83.12	ng		0.00
23) Nitrobenzene-d5	9.266	82	127381	71.06	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	69592	85.13	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	316862	75.73	ng		0.00
79) Terphenyl-d14	20.112	244	616370	74.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	5030	10.59	ng	#	82
3) Pyridine	3.925	79	8005	6.72	ng	#	88
4) n-Nitrosodimethylamine	3.825	42	7091	9.11	ng	#	92
6) Aniline	7.409	93	18580	9.45	ng		95
8) 2-Chlorophenol	7.656	128	11261	8.44	ng		96
9) Benzaldehyde	7.221	77	11542	10.55	ng		93
10) Phenol	7.274	94	15247	8.90	ng		85
11) bis(2-Chloroethyl)ether	7.503	93	10408	8.75	ng		87
12) 1,3-Dichlorobenzene	7.985	146	14647	9.75	ng		99
13) 1,4-Dichlorobenzene	8.132	146	13771	9.09	ng		91
14) 1,2-Dichlorobenzene	8.455	146	13522	9.32	ng		92
15) Benzyl Alcohol	8.326	79	12933	9.22	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.620	45	9881	8.61	ng		93
17) 2-Methylphenol	8.538	107	9529	8.59	ng		92
18) Hexachloroethane	9.190	117	4854	8.62	ng	#	73
19) n-Nitroso-di-n-propyla...	8.902	70	10176	8.62	ng	#	85
20) 3+4-Methylphenols	8.855	107	13359	8.68	ng		86
22) Acetophenone	8.919	105	20498	9.16	ng	#	94
24) Nitrobenzene	9.307	77	15567	8.85	ng		99
25) Isophorone	9.830	82	28274	8.54	ng	#	95
26) 2-Nitrophenol	10.024	139	6926	8.57	ng		92
27) 2,4-Dimethylphenol	10.077	122	12230	9.62	ng		91
28) bis(2-Chloroethoxy)met...	10.312	93	15326	10.10	ng		91
29) 2,4-Dichlorophenol	10.565	162	12787	8.88	ng		84
30) 1,2,4-Trichlorobenzene	10.782	180	16689	10.08	ng	#	77
31) Naphthalene	10.976	128	38839	8.70	ng		97
32) Benzoic acid	10.153	122	4454	4.55	ng	#	77
33) 4-Chloroaniline	11.082	127	17762	9.43	ng		99
34) Hexachlorobutadiene	11.258	225	10624	8.79	ng		92
35) Caprolactam	11.822	113	3992	7.60	ng		97
36) 4-Chloro-3-methylphenol	12.192	107	13636	8.43	ng	#	89
37) 2-Methylnaphthalene	12.574	142	31360	8.83	ng		97
38) 1-Methylnaphthalene	12.791	142	29845	8.81	ng		87
40) 1,2,4,5-Tetrachloroben...	12.944	216	17566	9.11	ng		97
41) Hexachlorocyclopentadiene	12.915	237	11521	10.32	ng		97
43) 2,4,6-Trichlorophenol	13.179	196	11943m	9.01	ng		

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	11589	8.17	ng	#	90
46) 1,1'-Biphenyl	13.579	154	42634	9.38	ng		98
47) 2-Chloronaphthalene	13.626	162	32229	9.31	ng	#	94
48) 2-Nitroaniline	13.825	65	9497	8.63	ng		89
49) Acenaphthylene	14.472	152	50233	9.26	ng		95
50) Dimethylphthalate	14.190	163	43478	9.42	ng	#	96
51) 2,6-Dinitrotoluene	14.307	165	9173	8.69	ng	#	82
52) Acenaphthene	14.813	154	33359	8.50	ng		97
53) 3-Nitroaniline	14.642	138	9434	9.11	ng	#	84
54) 2,4-Dinitrophenol	14.842	184	4464	7.52	ng	#	81
55) Dibenzofuran	15.147	168	52393	9.14	ng	#	91
56) 4-Nitrophenol	14.948	139	7674	9.18	ng	#	75
57) 2,4-Dinitrotoluene	15.095	165	13435	8.99	ng	#	91
58) Fluorene	15.794	166	43337	9.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	11012	7.96	ng	#	95
60) Diethylphthalate	15.553	149	45239	9.54	ng		97
61) 4-Chlorophenyl-phenyle...	15.788	204	23968	9.28	ng		96
62) 4-Nitroaniline	15.800	138	9768	9.02	ng		97
63) Azobenzene	16.076	77	39901	8.55	ng		96
65) 4,6-Dinitro-2-methylph...	15.864	198	7246	8.13	ng		95
66) n-Nitrosodiphenylamine	15.999	169	38519	9.12	ng		90
67) 4-Bromophenyl-phenylether	16.681	248	15386	9.35	ng		87
68) Hexachlorobenzene	16.804	284	15310	8.91	ng		91
69) Atrazine	16.939	200	14602	8.48	ng		89
70) Pentachlorophenol	17.139	266	8192	7.67	ng	#	86
71) Phenanthrene	17.539	178	72931	9.47	ng		96
72) Anthracene	17.633	178	72640	9.46	ng		99
73) Carbazole	17.903	167	63810	8.77	ng		98
74) Di-n-butylphthalate	18.455	149	78595	9.66	ng		100
75) Fluoranthene	19.554	202	90473	9.47	ng		97
77) Benzidine	19.724	184	41882	8.17	ng	#	96
78) Pyrene	19.912	202	91050	8.75	ng		97
80) Butylbenzylphthalate	20.794	149	32783	8.48	ng		97
81) Benzo(a)anthracene	21.775	228	91100	9.01	ng		94
82) 3,3'-Dichlorobenzidine	21.687	252	34776	10.01	ng		90
83) Chrysene	21.845	228	83960	8.70	ng		94
84) Bis(2-ethylhexyl)phtha...	21.675	149	49180	9.14	ng		97
85) Di-n-octyl phthalate	22.932	149	81541	8.69	ng		98
87) Indeno(1,2,3-cd)pyrene	28.961	276	95194m	9.13	ng		
88) Benzo(b)fluoranthene	24.072	252	88211	9.13	ng	#	95
89) Benzo(k)fluoranthene	24.137	252	88587	9.54	ng		99
90) Benzo(a)pyrene	24.977	252	77755	8.73	ng	#	91
91) Dibenzo(a,h)anthracene	29.025	278	79549	8.94	ng	#	93
92) Benzo(g,h,i)perylene	30.153	276	81727	9.38	ng	#	96

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

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