Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048530.D
Acq On : 31 Mar 2021 16:38
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:40 AM

Quant Time: Mar 31 17:13:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	14661	20.00	ng		0.00
21) Naphthalene-d8	10.929	136	60269	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	46726	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	107874	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	112821	20.00	ng		# 0.00
86) Perylene-d12	25.136	264	112629	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	73337	88.31	ng		0.00
7) Phenol-d6	7.245	99	103379	85.84	ng		0.00
23) Nitrobenzene-d5	9.267	82	77665	62.39	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	51344	83.59	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	199650	63.51	ng		0.00
79) Terphenyl-d14	20.113	244	408019	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.520	88	2017	6.04	ng	#	71
3) Pyridine	3.943	79	3205	3.83	ng	#	81
4) n-Nitrosodimethylamine	3.826	42	2238	4.09	ng	#	71
6) Aniline	7.416	93	7276	5.26	ng		94
8) 2-Chlorophenol	7.657	128	4482	4.78	ng		95
9) Benzaldehyde	7.234	77	3668	4.76	ng	#	59
10) Phenol	7.281	94	4884	4.05	ng		88
11) bis(2-Chloroethyl)ether	7.510	93	4051	4.84	ng		77
12) 1,3-Dichlorobenzene	7.986	146	4733	4.48	ng		96
13) 1,4-Dichlorobenzene	8.139	146	4738m	4.45	ng		
14) 1,2-Dichlorobenzene	8.456	146	4524	4.43	ng		97
15) Benzyl Alcohol	8.332	79	3883	3.94	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.626	45	3922	4.86	ng		88
17) 2-Methylphenol	8.544	107	3472	4.45	ng	#	64
18) Hexachloroethane	9.190	117	1782	4.50	ng		92
19) n-Nitroso-di-n-propyla...	8.908	70	3708	4.47	ng	#	92
20) 3+4-Methylphenols	8.861	107	4879	4.51	ng		92
22) Acetophenone	8.926	105	6398	4.12	ng	#	88
24) Nitrobenzene	9.314	77	6147	5.03	ng	#	93
25) Isophorone	9.837	82	9608	4.18	ng		98
26) 2-Nitrophenol	10.036	139	2317	4.13	ng	#	70
27) 2,4-Dimethylphenol	10.077	122	4333	4.91	ng		86
28) bis(2-Chloroethoxy)met...	10.318	93	5004	4.75	ng	#	87
29) 2,4-Dichlorophenol	10.565	162	3954	3.95	ng		91
30) 1,2,4-Trichlorobenzene	10.788	180	4942	4.30	ng	#	90
31) Naphthalene	10.976	128	13762	4.44	ng	#	93
32) Benzoic acid	10.077	122	5436m	8.00	ng		
33) 4-Chloroaniline	11.082	127	5876	4.49	ng	#	93
34) Hexachlorobutadiene	11.258	225	3596	4.28	ng		91
35) Caprolactam	11.822	113	1333m	3.65	ng		
36) 4-Chloro-3-methylphenol	12.198	107	4715	4.20	ng	#	79
37) 2-Methylnaphthalene	12.586	142	10438	4.23	ng		98
38) 1-Methylnaphthalene	12.798	142	9552	4.06	ng		92
40) 1,2,4,5-Tetrachloroben...	12.939	216	6422	4.43	ng		95
41) Hexachlorocyclopentadiene	12.927	237	3559	4.24	ng		88
43) 2,4,6-Trichlorophenol	13.186	196	3602m	3.62	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	3490	3.28	ng	#	87
46) 1,1'-Biphenyl	13.579	154	14867	4.35	ng		92
47) 2-Chloronaphthalene	13.626	162	11294	4.34	ng	#	87
48) 2-Nitroaniline	13.826	65	3061	3.70	ng		90
49) Acenaphthylene	14.472	152	17233	4.23	ng	#	94
50) Dimethylphthalate	14.190	163	14600	4.21	ng		98
51) 2,6-Dinitrotoluene	14.314	165	2859	3.60	ng		90
52) Acenaphthene	14.807	154	11068	3.75	ng	#	90
53) 3-Nitroaniline	14.643	138	2888	3.71	ng	#	90
54) 2,4-Dinitrophenol	14.854	184	1404	3.15	ng	#	51
55) Dibenzofuran	15.148	168	17984	4.17	ng	#	97
56) 4-Nitrophenol	14.954	139	2572	4.10	ng	#	58
57) 2,4-Dinitrotoluene	15.095	165	3928	3.50	ng	#	71
58) Fluorene	15.800	166	14254	3.95	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	3366	3.24	ng	#	91
60) Diethylphthalate	15.559	149	16072	4.51	ng		95
61) 4-Chlorophenyl-phenyle...	15.788	204	7954	4.10	ng		100
62) 4-Nitroaniline	15.806	138	2808	3.45	ng	#	89
63) Azobenzene	16.082	77	13833	3.95	ng		97
65) 4,6-Dinitro-2-methylph...	15.865	198	1826	2.82	ng	#	62
66) n-Nitrosodiphenylamine	16.000	169	13540	4.41	ng		87
67) 4-Bromophenyl-phenylether	16.687	248	4805	4.02	ng	#	81
68) Hexachlorobenzene	16.805	284	5698	4.56	ng	#	91
69) Atrazine	16.940	200	4659	3.72	ng		91
70) Pentachlorophenol	17.146	266	2176	2.80	ng	#	84
71) Phenanthrene	17.545	178	25366	4.53	ng		98
72) Anthracene	17.633	178	26042	4.67	ng		96
73) Carbazole	17.909	167	23637	4.47	ng	#	85
74) Di-n-butylphthalate	18.456	149	25746	4.35	ng		97
75) Fluoranthene	19.555	202	30982	4.46	ng		93
77) Benzidine	19.731	184	13604	3.56	ng	#	96
78) Pyrene	19.919	202	32550	4.20	ng		98
80) Butylbenzylphthalate	20.800	149	11241	3.90	ng		87
81) Benzo(a)anthracene	21.776	228	31665	4.20	ng		93
82) 3,3'-Dichlorobenzidine	21.687	252	11331	4.38	ng	#	95
83) Chrysene	21.846	228	29475	4.10	ng		96
84) Bis(2-ethylhexyl)phtha...	21.676	149	15701	3.91	ng		97
85) Di-n-octyl phthalate	22.933	149	27234	3.89	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.955	276	33965m	4.30	ng		
88) Benzo(b)fluoranthene	24.061	252	29963	4.10	ng	#	92
89) Benzo(k)fluoranthene	24.137	252	30950	4.40	ng	#	91
90) Benzo(a)pyrene	24.972	252	26005	3.86	ng	#	98
91) Dibenzo(a,h)anthracene	29.038	278	28048	4.16	ng	#	87
92) Benzo(g,h,i)perylene	30.142	276	27262m	4.13	ng		

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

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