Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
Data File : BG049426.D
Acq On : 23 Jul 2021 13:42
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/26/2021 1:25:01 PM

Quant Time: Jul 23 14:16:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 11:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.052	152	25831	20.000	ng		0.00
21) Naphthalene-d8	10.877	136	101025	20.000	ng	#	0.00
39) Acenaphthene-d10	14.701	164	68091	20.000	ng		0.00
64) Phenanthrene-d10	17.451	188	147211	20.000	ng	#	0.00
76) Chrysene-d12	21.733	240	170046	20.000	ng		0.00
86) Perylene-d12	25.011	264	168030	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.602	112	165389	108.630	ng		0.00
7) Phenol-d6	7.206	99	245996	110.942	ng		0.00
23) Nitrobenzene-d5	9.221	82	146473	64.960	ng		0.00
42) 2,4,6-Tribromophenol	16.193	330	103645	113.663	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	289938	61.271	ng		0.00
79) Terphenyl-d14	20.059	244	526204	60.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	2973	4.310	ng		95
3) Pyridine	3.898	79	5564m	3.166	ng		
4) n-Nitrosodimethylamine	3.810	42	3002m	3.478	ng		
6) Aniline	7.376	93	10194	4.251	ng	#	85
8) 2-Chlorophenol	7.611	128	6114	3.916	ng	#	72
9) Benzaldehyde	7.188	77	7444	5.054	ng	#	82
10) Phenol	7.235	94	8555	4.050	ng		82
11) bis(2-Chloroethyl)ether	7.470	93	5579	3.856	ng		93
12) 1,3-Dichlorobenzene	7.940	146	6815	3.692	ng		95
13) 1,4-Dichlorobenzene	8.087	146	7254	3.946	ng		92
14) 1,2-Dichlorobenzene	8.410	146	7340m	4.133	ng		
15) Benzyl Alcohol	8.298	79	6651	3.670	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.592	45	6711	3.971	ng		93
17) 2-Methylphenol	8.492	107	5727	4.072	ng	#	89
18) Hexachloroethane	9.144	117	2910	4.073	ng	#	84
19) n-Nitroso-di-n-propyla...	8.856	70	5455	3.744	ng	#	78
20) 3+4-Methylphenols	8.827	107	6984	3.624	ng		93
22) Acetophenone	8.880	105	10254	3.790	ng	#	94
24) Nitrobenzene	9.262	77	9526	4.023	ng	#	95
25) Isophorone	9.790	82	15039	3.764	ng		99
26) 2-Nitrophenol	9.990	139	3095	3.600	ng	#	81
27) 2,4-Dimethylphenol	10.037	122	5698	4.146	ng		89
28) bis(2-Chloroethoxy)met...	10.278	93	7624	4.277	ng	#	89
29) 2,4-Dichlorophenol	10.531	162	5666	3.555	ng		76
30) 1,2,4-Trichlorobenzene	10.742	180	6423	3.569	ng	#	95
31) Naphthalene	10.930	128	19894	3.734	ng	#	94
32) Benzoic acid	10.172	122	649m	0.719	ng		
33) 4-Chloroaniline	11.036	127	7776	3.824	ng	#	89
34) Hexachlorobutadiene	11.218	225	5275	4.090	ng	#	85
35) Caprolactam	11.788	113	1634	3.302	ng	#	80
36) 4-Chloro-3-methylphenol	12.158	107	7080	3.767	ng	#	83
37) 2-Methylnaphthalene	12.528	142	15376	3.954	ng		94
38) 1-Methylnaphthalene	12.751	142	14466	3.891	ng		97
40) 1,2,4,5-Tetrachloroben...	12.898	216	7918	3.932	ng		94
41) Hexachlorocyclopentadiene	12.874	237	3054	3.398	ng		96
43) 2,4,6-Trichlorophenol	13.139	196	4480	3.411	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.215	196	4721	3.323	ng		91
46) 1,1'-Biphenyl	13.532	154	19952	3.997	ng		95
47) 2-Chloronaphthalene	13.579	162	14429	3.763	ng	#	91
48) 2-Nitroaniline	13.785	65	4533	3.397	ng	#	83
49) Acenaphthylene	14.425	152	24958	4.015	ng	#	87
50) Dimethylphthalate	14.149	163	18884	3.818	ng	#	97
51) 2,6-Dinitrotoluene	14.273	165	3780	3.520	ng	#	86
52) Acenaphthene	14.766	154	13782	3.673	ng		88
53) 3-Nitroaniline	14.601	138	3532	3.280	ng	#	96
54) 2,4-Dinitrophenol	14.813	184	241	0.533	ng	#	8
55) Dibenzofuran	15.101	168	22500	3.737	ng		90
56) 4-Nitrophenol	14.919	139	2098	2.470	ng	#	83
57) 2,4-Dinitrotoluene	15.060	165	4964	3.344	ng	#	72
58) Fluorene	15.747	166	18937	3.881	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.324	232	4511	3.473	ng	#	94
60) Diethylphthalate	15.512	149	18632	3.750	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.741	204	9528	3.839	ng		98
62) 4-Nitroaniline	15.765	138	4002	3.531	ng		91
63) Azobenzene	16.035	77	21206	3.854	ng		85
65) 4,6-Dinitro-2-methylph...	15.829	198	1954	2.450	ng		86
66) n-Nitrosodiphenylamine	15.953	169	16263	3.846	ng		97
67) 4-Bromophenyl-phenylether	16.640	248	6932	4.157	ng		92
68) Hexachlorobenzene	16.757	284	6973	3.693	ng	#	89
69) Atrazine	16.898	200	6919	4.129	ng		97
70) Pentachlorophenol	17.104	266	1351	1.592	ng	#	75
71) Phenanthrene	17.498	178	29702	3.753	ng		99
72) Anthracene	17.586	178	31177	4.008	ng		97
73) Carbazole	17.856	167	26276	3.552	ng		98
74) Di-n-butylphthalate	18.408	149	33664	3.990	ng		98
75) Fluoranthene	19.501	202	38257	3.883	ng		99
77) Benzidine	19.683	184	19127	4.064	ng	#	95
78) Pyrene	19.865	202	40921	3.666	ng		97
80) Butylbenzylphthalate	20.746	149	16009	3.945	ng		93
81) Benzo(a)anthracene	21.709	228	38938	3.615	ng		94
82) 3,3'-Dichlorobenzidine	21.627	252	14925	4.803	ng	#	87
83) Chrysene	21.780	228	38231	3.681	ng		94
84) Bis(2-ethylhexyl)phtha...	21.610	149	20924	3.438	ng		98
85) Di-n-octyl phthalate	22.837	149	37467	3.564	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.753	276	47479	3.992	ng	#	87
88) Benzo(b)fluoranthene	23.959	252	43430	4.011	ng	#	97
89) Benzo(k)fluoranthene	24.030	252	39594	3.932	ng	#	95
90) Benzo(a)pyrene	24.852	252	41617	4.241	ng	#	94
91) Dibenzo(a,h)anthracene	28.823	278	39159	3.920	ng	#	91
92) Benzo(g,h,i)perylene	29.922	276	38524	3.897	ng		94

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

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