Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049412.D
Acq On : 22 Jul 2021 17:32
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:44 AM

Quant Time: Jul 22 18:16:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:51:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	27573	20.00	ng		0.00
21) Naphthalene-d8	10.869	136	101183	20.00	ng		# 0.00
39) Acenaphthene-d10	14.699	164	66374	20.00	ng		0.00
64) Phenanthrene-d10	17.448	188	147955	20.00	ng		# 0.00
76) Chrysene-d12	21.731	240	165199	20.00	ng		0.00
86) Perylene-d12	25.003	264	175110	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	188286	115.86	ng		0.00
7) Phenol-d6	7.209	99	275687	116.48	ng		0.00
23) Nitrobenzene-d5	9.218	82	191780	84.92	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	119834	134.82	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	388017	84.12	ng		0.00
79) Terphenyl-d14	20.056	244	686847	81.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.479	88	5079	6.90	ng		94
3) Pyridine	3.890	79	11140m	5.94	ng		
4) n-Nitrosodimethylamine	3.814	42	6377	6.92	ng	#	93
6) Aniline	7.374	93	20288	7.93	ng	#	87
8) 2-Chlorophenol	7.614	128	11515	6.91	ng		98
9) Benzaldehyde	7.191	77	14453	9.19	ng		91
10) Phenol	7.227	94	15683	6.96	ng		87
11) bis(2-Chloroethyl)ether	7.462	93	11874	7.69	ng		89
12) 1,3-Dichlorobenzene	7.943	146	14012	7.11	ng		88
13) 1,4-Dichlorobenzene	8.084	146	14327	7.30	ng		93
14) 1,2-Dichlorobenzene	8.407	146	13120	6.92	ng		96
15) Benzyl Alcohol	8.284	79	14053	7.26	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.578	45	13393	7.42	ng		91
17) 2-Methylphenol	8.490	107	10497	6.99	ng	#	86
18) Hexachloroethane	9.142	117	5184	6.80	ng		96
19) n-Nitroso-di-n-propyla...	8.854	70	11499	7.39	ng	#	90
20) 3+4-Methylphenols	8.819	107	14808	7.20	ng		97
22) Acetophenone	8.872	105	21946	8.10	ng	#	98
24) Nitrobenzene	9.259	77	18663	7.87	ng	#	91
25) Isophorone	9.782	82	29399	7.35	ng		95
26) 2-Nitrophenol	9.976	139	6527	7.58	ng		99
27) 2,4-Dimethylphenol	10.029	122	11132	8.09	ng		91
28) bis(2-Chloroethoxy)met...	10.270	93	14601	8.18	ng	#	97
29) 2,4-Dichlorophenol	10.516	162	11916	7.47	ng		97
30) 1,2,4-Trichlorobenzene	10.734	180	13763	7.63	ng		94
31) Naphthalene	10.922	128	39897	7.48	ng		96
32) Benzoic acid	10.135	122	2927m	3.24	ng		
33) 4-Chloroaniline	11.027	127	15996	7.86	ng		97
34) Hexachlorobutadiene	11.210	225	9884	7.65	ng		97
35) Caprolactam	11.791	113	3628	7.32	ng	#	76
36) 4-Chloro-3-methylphenol	12.149	107	14742	7.83	ng	#	87
37) 2-Methylnaphthalene	12.525	142	30646	7.87	ng		91
38) 1-Methylnaphthalene	12.743	142	28048m	7.53	ng		
40) 1,2,4,5-Tetrachloroben...	12.890	216	16256	8.28	ng		97
41) Hexachlorocyclopentadiene	12.872	237	7282	8.31	ng		96
43) 2,4,6-Trichlorophenol	13.130	196	9755	7.62	ng	#	78

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	9917	7.16	ng	#	89
46) 1,1'-Biphenyl	13.530	154	39766	8.17	ng		94
47) 2-Chloronaphthalene	13.577	162	28768	7.70	ng		96
48) 2-Nitroaniline	13.777	65	10029	7.71	ng		94
49) Acenaphthylene	14.423	152	48729	8.04	ng		96
50) Dimethylphthalate	14.147	163	38344	7.95	ng	#	93
51) 2,6-Dinitrotoluene	14.270	165	7676	7.33	ng		94
52) Acenaphthene	14.764	154	28388	7.76	ng		92
53) 3-Nitroaniline	14.593	138	7908	7.53	ng		85
54) 2,4-Dinitrophenol	14.816	184	2850	6.47	ng	#	77
55) Dibenzofuran	15.098	168	46216	7.87	ng		98
56) 4-Nitrophenol	14.910	139	5365	6.48	ng		92
57) 2,4-Dinitrotoluene	15.057	165	10659	7.37	ng	#	90
58) Fluorene	15.745	166	36630	7.70	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.322	232	9380	7.41	ng	#	98
60) Diethylphthalate	15.510	149	37776	7.80	ng		97
61) 4-Chlorophenyl-phenyle...	15.739	204	19346	8.00	ng	#	95
62) 4-Nitroaniline	15.762	138	8160	7.39	ng	#	73
63) Azobenzene	16.032	77	41020	7.65	ng		85
65) 4,6-Dinitro-2-methylph...	15.821	198	4691	5.85	ng		98
66) n-Nitrosodiphenylamine	15.950	169	32319	7.60	ng		94
67) 4-Bromophenyl-phenylether	16.637	248	12759	7.61	ng		91
68) Hexachlorobenzene	16.755	284	14781	7.79	ng		92
69) Atrazine	16.890	200	13428	7.97	ng		88
70) Pentachlorophenol	17.102	266	4186m	4.91	ng		
71) Phenanthrene	17.489	178	59189m	7.44	ng		
72) Anthracene	17.583	178	58908	7.54	ng		94
73) Carbazole	17.854	167	53899	7.25	ng		96
74) Di-n-butylphthalate	18.406	149	67027	7.91	ng		97
75) Fluoranthene	19.498	202	77825	7.86	ng		98
77) Benzidine	19.675	184	41759	9.13	ng		97
78) Pyrene	19.863	202	79025	7.29	ng		95
80) Butylbenzylphthalate	20.744	149	31146	7.90	ng		87
81) Benzo(a)anthracene	21.713	228	78761	7.53	ng		94
82) 3,3'-Dichlorobenzidine	21.625	252	30932	10.25	ng	#	98
83) Chrysene	21.778	228	75841	7.52	ng		98
84) Bis(2-ethylhexyl)phtha...	21.607	149	45434	7.68	ng	#	95
85) Di-n-octyl phthalate	22.835	149	77222	7.56	ng		100
87) Indeno(1,2,3-cd)pyrene	28.745	276	94846	7.65	ng		99
88) Benzo(b)fluoranthene	23.957	252	85840	7.61	ng	#	98
89) Benzo(k)fluoranthene	24.028	252	77325m	7.37	ng		
90) Benzo(a)pyrene	24.850	252	78997	7.72	ng	#	98
91) Dibenzo(a,h)anthracene	28.821	278	80163	7.70	ng	#	95
92) Benzo(g,h,i)perylene	29.908	276	78350	7.61	ng		96

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

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