Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047095.D
Acq On : 27 Oct 2020 15:03
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
mohammad
10/28/2020 8:06:07 AM

Quant Time: Oct 27 15:39:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 12:36:22 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	40359	20.00	ng		0.00
21) Naphthalene-d8	10.868	136	152506	20.00	ng		# 0.00
39) Acenaphthene-d10	14.687	164	111156	20.00	ng		0.00
64) Phenanthrene-d10	17.430	188	289836	20.00	ng		# 0.00
76) Chrysene-d12	21.696	240	355232	20.00	ng		# 0.00
86) Perylene-d12	24.928	264	355514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.609	112	354988	155.92	ng		0.00
7) Phenol-d6	7.207	99	491085	149.16	ng		0.00
23) Nitrobenzene-d5	9.217	82	368288	115.65	ng		0.00
42) 2,4,6-Tribromophenol	16.173	330	284030	159.42	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	905369	115.16	ng		0.00
79) Terphenyl-d14	20.039	244	1995232	109.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.500	88	9806	9.53	ng	#	93
3) Pyridine	3.899	79	23543	8.43	ng	#	87
4) n-Nitrosodimethylamine	3.811	42	11959	8.09	ng	#	72
6) Aniline	7.378	93	34995	8.99	ng		91
8) 2-Chlorophenol	7.618	128	20897	8.63	ng		89
9) Benzaldehyde	7.190	77	21681	11.75	ng	#	80
10) Phenol	7.237	94	26110	8.40	ng		76
11) bis(2-Chloroethyl)ether	7.472	93	21693	8.87	ng		97
12) 1,3-Dichlorobenzene	7.947	146	26033	8.44	ng	#	91
13) 1,4-Dichlorobenzene	8.088	146	25756	8.27	ng		93
14) 1,2-Dichlorobenzene	8.412	146	24977	8.46	ng		90
15) Benzyl Alcohol	8.288	79	21607	8.42	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.582	45	31987	8.26	ng		97
17) 2-Methylphenol	8.488	107	17020	7.96	ng	#	85
18) Hexachloroethane	9.134	117	9365	8.03	ng	#	77
19) n-Nitroso-di-n-propyla...	8.852	70	17634	7.86	ng	#	92
20) 3+4-Methylphenols	8.817	107	24234	8.41	ng		91
22) Acetophenone	8.876	105	34951	8.51	ng	#	90
24) Nitrobenzene	9.258	77	29800	9.01	ng	#	87
25) Isophorone	9.781	82	52249	9.17	ng		95
26) 2-Nitrophenol	9.969	139	11393	7.94	ng		93
27) 2,4-Dimethylphenol	10.022	122	19379	9.89	ng	#	93
28) bis(2-Chloroethoxy)met...	10.262	93	28722	8.17	ng		91
29) 2,4-Dichlorophenol	10.509	162	22186	8.22	ng		92
30) 1,2,4-Trichlorobenzene	10.727	180	27674	8.32	ng		95
31) Naphthalene	10.915	128	69493	8.71	ng		99
32) Benzoic acid	10.104	122	6006m	3.87	ng		
33) 4-Chloroaniline	11.020	127	28427	8.20	ng		91
34) Hexachlorobutadiene	11.203	225	19193	7.70	ng		94
35) Caprolactam	11.761	113	7115	7.92	ng	#	85
36) 4-Chloro-3-methylphenol	12.137	107	23807	8.50	ng		96
37) 2-Methylnaphthalene	12.519	142	53214	8.59	ng	#	89
38) 1-Methylnaphthalene	12.736	142	48758	8.31	ng	#	88
40) 1,2,4,5-Tetrachloroben...	12.883	216	35666	8.78	ng		95
41) Hexachlorocyclopentadiene	12.865	237	19679	8.87	ng		95
43) 2,4,6-Trichlorophenol	13.118	196	21212	8.02	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	22941	8.53	ng		94
46) 1,1'-Biphenyl	13.523	154	74886	8.90	ng		91
47) 2-Chloronaphthalene	13.564	162	57823	8.35	ng		92
48) 2-Nitroaniline	13.758	65	17425	7.72	ng	#	62
49) Acenaphthylene	14.411	152	87144	8.66	ng		98
50) Dimethylphthalate	14.128	163	79527	8.69	ng		100
51) 2,6-Dinitrotoluene	14.252	165	16431	8.61	ng		90
52) Acenaphthene	14.751	154	54536	8.31	ng		94
53) 3-Nitroaniline	14.587	138	14525	7.65	ng	#	87
54) 2,4-Dinitrophenol	14.792	184	7141	5.67	ng	#	64
55) Dibenzofuran	15.080	168	95774	9.09	ng		94
56) 4-Nitrophenol	14.886	139	11225	7.56	ng	#	77
57) 2,4-Dinitrotoluene	15.039	165	22333	8.14	ng	#	65
58) Fluorene	15.732	166	76081	8.94	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.309	232	23168	8.11	ng		96
60) Diethylphthalate	15.492	149	81646	8.95	ng		97
61) 4-Chlorophenyl-phenyle...	15.721	204	44466	8.76	ng		99
62) 4-Nitroaniline	15.738	138	15881	7.79	ng	#	58
63) Azobenzene	16.015	77	75313	9.29	ng		90
65) 4,6-Dinitro-2-methylph...	15.803	198	13613	7.63	ng		97
66) n-Nitrosodiphenylamine	15.932	169	70258	8.45	ng		94
67) 4-Bromophenyl-phenylether	16.620	248	29979	7.86	ng		92
68) Hexachlorobenzene	16.737	284	32144	7.99	ng		94
69) Atrazine	16.878	200	30240	8.83	ng		92
70) Pentachlorophenol	17.078	266	15557	6.64	ng		98
71) Phenanthrene	17.472	178	132060	8.53	ng		96
72) Anthracene	17.566	178	135994	8.97	ng		97
73) Carbazole	17.830	167	122096	9.05	ng		98
74) Di-n-butylphthalate	18.382	149	150620	9.03	ng	#	96
75) Fluoranthene	19.481	202	188869	9.49	ng		92
77) Benzidine	19.657	184	87251	10.75	ng		99
78) Pyrene	19.839	202	192630	8.51	ng		97
80) Butylbenzylphthalate	20.721	149	65319	7.53	ng		94
81) Benzo(a)anthracene	21.678	228	200334	8.61	ng		96
82) 3,3'-Dichlorobenzidine	21.590	252	73243	8.68	ng		99
83) Chrysene	21.743	228	188567	8.51	ng		96
84) Bis(2-ethylhexyl)phtha...	21.579	149	96479	7.89	ng	#	91
85) Di-n-octyl phthalate	22.789	149	165120	8.03	ng		96
87) Indeno(1,2,3-cd)pyrene	28.600	276	212137	8.17	ng	#	88
88) Benzo(b)fluoranthene	23.899	252	192130	8.27	ng	#	95
89) Benzo(k)fluoranthene	23.970	252	188031	8.33	ng	#	97
90) Benzo(a)pyrene	24.769	252	174890	8.05	ng	#	97
91) Dibenzo(a,h)anthracene	28.664	278	175749	8.34	ng	#	94
92) Benzo(g,h,i)perylene	29.751	276	178130	8.50	ng	#	94

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

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