Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047094.D
Acq On : 27 Oct 2020 14:23
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/28/2020 8:06:02 AM

Quant Time: Oct 27 15:09:42 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	8.055	152	37806	20.00	ng		0.00
21) Naphthalene-d8	10.869	136	138740	20.00	ng		# 0.00
39) Acenaphthene-d10	14.682	164	99399	20.00	ng		0.00
64) Phenanthrene-d10	17.432	188	245825	20.00	ng		# 0.00
76) Chrysene-d12	21.697	240	321985	20.00	ng		# 0.00
86) Perylene-d12	24.929	264	327720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	343327	160.98	ng		0.00
7) Phenol-d6	7.209	99	473673	153.58	ng		0.00
23) Nitrobenzene-d5	9.218	82	342603	118.25	ng		0.00
42) 2,4,6-Tribromophenol	16.174	330	264674	166.12	ng		0.00
45) 2-Fluorobiphenyl	13.307	172	859320	122.23	ng		0.00
79) Terphenyl-d14	20.041	244	1874049	113.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	5135	5.33	ng	#	87
3) Pyridine	3.907	79	10728	4.10	ng	#	84
4) n-Nitrosodimethylamine	3.818	42	6509	4.70	ng	#	65
6) Aniline	7.373	93	15968	4.38	ng		96
8) 2-Chlorophenol	7.620	128	10190	4.49	ng		94
9) Benzaldehyde	7.191	77	10047	5.81	ng	#	85
10) Phenol	7.232	94	12427	4.27	ng	#	58
11) bis(2-Chloroethyl)ether	7.473	93	10470	4.57	ng		97
12) 1,3-Dichlorobenzene	7.949	146	12358m	4.28	ng		
13) 1,4-Dichlorobenzene	8.096	146	12033m	4.12	ng		
14) 1,2-Dichlorobenzene	8.413	146	12454m	4.50	ng		
15) Benzyl Alcohol	8.290	79	8984	3.74	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.583	45	14660	4.04	ng		98
17) 2-Methylphenol	8.483	107	7948	3.97	ng	#	85
18) Hexachloroethane	9.142	117	4746	4.34	ng	#	78
19) n-Nitroso-di-n-propyla...	8.854	70	8616	4.10	ng	#	97
20) 3+4-Methylphenols	8.824	107	11458	4.24	ng		90
22) Acetophenone	8.877	105	16480	4.41	ng	#	89
24) Nitrobenzene	9.253	77	13176	4.38	ng	#	80
25) Isophorone	9.782	82	24346	4.70	ng		93
26) 2-Nitrophenol	9.976	139	5148	3.94	ng	#	70
27) 2,4-Dimethylphenol	10.029	122	9043	5.07	ng		94
28) bis(2-Chloroethoxy)met...	10.264	93	13051	4.08	ng	#	85
29) 2,4-Dichlorophenol	10.511	162	9578	3.90	ng		91
30) 1,2,4-Trichlorobenzene	10.728	180	12775	4.22	ng		91
31) Naphthalene	10.916	128	33279	4.59	ng	#	94
33) 4-Chloroaniline	11.028	127	13204	4.18	ng		95
34) Hexachlorobutadiene	11.204	225	8994	3.97	ng		97
35) Caprolactam	11.768	113	3186	3.90	ng	#	81
36) 4-Chloro-3-methylphenol	12.138	107	10019	3.93	ng		91
37) 2-Methylnaphthalene	12.520	142	24711	4.39	ng		87
38) 1-Methylnaphthalene	12.737	142	23662	4.43	ng		100
40) 1,2,4,5-Tetrachloroben...	12.884	216	16455	4.53	ng	#	97
41) Hexachlorocyclopentadiene	12.867	237	8187	4.13	ng		93
43) 2,4,6-Trichlorophenol	13.125	196	8812	3.72	ng		89
44) 2,4,5-Trichlorophenol	13.196	196	9160	3.81	ng	#	86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.519	154	32803	4.36	ng		96
47) 2-Chloronaphthalene	13.566	162	26850	4.33	ng		93
48) 2-Nitroaniline	13.766	65	7753	3.84	ng	#	77
49) Acenaphthylene	14.406	152	38099	4.24	ng		95
50) Dimethylphthalate	14.130	163	34748	4.24	ng		99
51) 2,6-Dinitrotoluene	14.247	165	7833	4.59	ng	#	84
52) Acenaphthene	14.747	154	25220	4.30	ng		92
53) 3-Nitroaniline	14.588	138	5745	3.39	ng	#	95
54) 2,4-Dinitrophenol	14.800	184	2355	2.09	ng	#	64
55) Dibenzofuran	15.082	168	45559	4.83	ng		93
56) 4-Nitrophenol	14.894	139	3858	2.91	ng	#	75
57) 2,4-Dinitrotoluene	15.041	165	10038	4.09	ng	#	84
58) Fluorene	15.734	166	32868	4.32	ng	#	93
59) 2,3,4,6-Tetrachlorophenol	15.311	232	10504	4.11	ng	#	97
60) Diethylphthalate	15.493	149	36236	4.44	ng		93
61) 4-Chlorophenyl-phenyle...	15.722	204	18916	4.17	ng		93
62) 4-Nitroaniline	15.746	138	5880	3.23	ng		88
63) Azobenzene	16.016	77	34106	4.70	ng		94
65) 4,6-Dinitro-2-methylph...	15.804	198	5086	3.36	ng		82
66) n-Nitrosodiphenylamine	15.934	169	31322	4.44	ng		95
67) 4-Bromophenyl-phenylether	16.615	248	14083	4.35	ng		90
68) Hexachlorobenzene	16.739	284	15036	4.41	ng		94
69) Atrazine	16.880	200	12205	4.20	ng		95
70) Pentachlorophenol	17.085	266	6140	3.09	ng		92
71) Phenanthrene	17.473	178	59815	4.56	ng		98
72) Anthracene	17.561	178	62656m	4.87	ng		
73) Carbazole	17.831	167	51688	4.52	ng		95
74) Di-n-butylphthalate	18.384	149	66569	4.71	ng	#	95
75) Fluoranthene	19.482	202	82540	4.89	ng		97
77) Benzidine	19.659	184	34555	4.70	ng	#	96
78) Pyrene	19.841	202	85132	4.15	ng		95
80) Butylbenzylphthalate	20.716	149	31383	3.99	ng		91
81) Benzo(a)anthracene	21.680	228	93150	4.42	ng		96
82) 3,3'-Dichlorobenzidine	21.592	252	34468	4.51	ng	#	83
83) Chrysene	21.744	228	91351	4.55	ng		98
84) Bis(2-ethylhexyl)phtha...	21.574	149	46101	4.16	ng	#	90
85) Di-n-octyl phthalate	22.790	149	76017	4.08	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.595	276	98817	4.13	ng	#	61
88) Benzo(b)fluoranthene	23.901	252	89858	4.20	ng	#	96
89) Benzo(k)fluoranthene	23.965	252	92178	4.43	ng	#	96
90) Benzo(a)pyrene	24.776	252	81104	4.05	ng	#	95
91) Dibenzo(a,h)anthracene	28.666	278	82782	4.26	ng	#	93
92) Benzo(g,h,i)perylene	29.759	276	84033	4.35	ng		94

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

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