Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045984.D
Acq On : 8 Jul 2020 17:19
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:47 AM

Quant Time: Jul 08 17:58:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	146481	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	603001	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	361135	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	719355	20.00	ng		0.00
76) Chrysene-d12	21.63	240	667402	20.00	ng		0.00
86) Perylene-d12	24.78	264	674236	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	833442	92.27	ng		0.00
7) Phenol-d6	7.17	99	1243442	95.62	ng		0.00
23) Nitrobenzene-d5	9.16	82	872655	83.30	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	319214	95.24	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1690087	73.00	ng		0.00
79) Terphenyl-d14	19.98	244	1756062	58.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35003	8.399	ng		98
3) Pyridine	3.90	79	78047	6.194	ng		100
4) n-Nitrosodimethylamine	3.82	42	32472	7.621	ng		93
6) Aniline	7.33	93	117901	7.087	ng		97
8) 2-Chlorophenol	7.57	128	69878	7.186	ng		94
9) Benzaldehyde	7.14	77	80938	9.823	ng		98
10) Phenol	7.19	94	95866	7.349	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	77160	7.153	ng		96
12) 1,3-Dichlorobenzene	7.90	146	79334	7.078	ng		98
13) 1,4-Dichlorobenzene	8.04	146	80050	7.261	ng		99
14) 1,2-Dichlorobenzene	8.36	146	73000	6.880	ng		96
15) Benzyl Alcohol	8.23	79	71200	6.983	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	95857	6.811	ng		100
17) 2-Methylphenol	8.44	107	61495	6.282	ng		97
18) Hexachloroethane	9.09	117	30988	7.305	ng		88
19) n-Nitroso-di-n-propylamine	8.80	70	68419	7.489	ng		94
20) 3+4-Methylphenols	8.76	107	85539	6.412	ng		97
22) Acetophenone	8.82	105	116898	7.257	ng	#	94
24) Nitrobenzene	9.20	77	90786	7.851	ng		95
25) Isophorone	9.73	82	173598	6.788	ng		98
26) 2-Nitrophenol	9.91	139	27004	7.165	ng		98
27) 2,4-Dimethylphenol	9.97	122	68482	7.523	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	102904	7.165	ng		95
29) 2,4-Dichlorophenol	10.44	162	60115	6.379	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	71875	6.884	ng		97
31) Naphthalene	10.85	128	229174	7.090	ng		99
32) Benzoic acid	10.03	122	21299m	4.321	ng		
33) 4-Chloroaniline	10.95	127	94920	6.571	ng		97
34) Hexachlorobutadiene	11.15	225	38896	6.380	ng		98
35) Caprolactam	11.68	113	23653	6.611	ng	#	87
36) 4-Chloro-3-methylphenol	12.07	107	72402	6.746	ng		99
37) 2-Methylnaphthalene	12.46	142	165750	7.213	ng		97
38) 1-Methylnaphthalene	12.68	142	158159	7.293	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	76133	7.479	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	39807	6.590	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	45880	6.664	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	47882	6.151	ng		97
46) 1,1'-Biphenyl	13.46	154	209964	7.729	ng		98
47) 2-Chloronaphthalene	13.50	162	152740	7.126	ng		98
48) 2-Nitroaniline	13.69	65	42401	8.452	ng		96
49) Acenaphthylene	14.35	152	252097	7.290	ng		99
50) Dimethylphthalate	14.08	163	186879	6.895	ng	#	98
51) 2,6-Dinitrotoluene	14.19	165	34736	8.260	ng		97
52) Acenaphthene	14.69	154	152387	6.986	ng		95
53) 3-Nitroaniline	14.51	138	36878	7.076	ng	#	93
54) 2,4-Dinitrophenol	14.71	184	6984	4.708	ng	#	3
55) Dibenzofuran	15.03	168	229317	7.172	ng		95
56) 4-Nitrophenol	14.81	139	29683	6.722	ng		95
57) 2,4-Dinitrotoluene	14.97	165	39819	7.663	ng	#	88
58) Fluorene	15.67	166	188586	7.189	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	40008m	6.657	ng		
60) Diethylphthalate	15.45	149	196794	6.924	ng		96
61) 4-Chlorophenyl-phenylether	15.67	204	88275	6.764	ng		99
62) 4-Nitroaniline	15.67	138	42047	7.506	ng		93
63) Azobenzene	15.96	77	221602	7.264	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	12742	6.048	ng		94
66) n-Nitrosodiphenylamine	15.88	169	162315	7.281	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	53991	6.720	ng		94
68) Hexachlorobenzene	16.68	284	57624	7.147	ng		96
69) Atrazine	16.83	200	54150	8.216	ng		96
70) Pentachlorophenol	17.02	266	25721	5.738	ng	#	84
71) Phenanthrene	17.41	178	286415	7.531	ng		95
72) Anthracene	17.50	178	294853	7.640	ng		98
73) Carbazole	17.76	167	277171	7.165	ng		95
74) Di-n-butylphthalate	18.34	149	331752	7.097	ng	#	94
75) Fluoranthene	19.42	202	332447	7.562	ng		94
77) Benzidine	19.59	184	176255	9.236	ng		98
78) Pyrene	19.78	202	340344	7.471	ng		94
80) Butylbenzylphthalate	20.68	149	136674	6.349	ng		98
81) Benzo(a)anthracene	21.60	228	314558	7.168	ng		94
82) 3,3'-Dichlorobenzidine	21.52	252	118272	7.294	ng		99
83) Chrysene	21.67	228	298097	7.130	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	210159	6.725	ng	#	93
85) Di-n-octyl phthalate	22.75	149	340355	6.276	ng		99
87) Indeno(1,2,3-cd)pyrene	28.34	276	334989	6.791	ng		97
88) Benzo(b)fluoranthene	23.78	252	305021	7.126	ng		99
89) Benzo(k)fluoranthene	23.85	252	291148	7.194	ng		98
90) Benzo(a)pyrene	24.63	252	275040	6.834	ng		97
91) Dibenzo(a,h)anthracene	28.41	278	280162	7.042	ng		99
92) Benzo(g,h,i)perylene	29.45	276	276213	6.899	ng		96

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

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