Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045970.D
Acq On : 7 Jul 2020 22:02
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:46 AM

Quant Time: Jul 08 04:43:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 04:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	133154	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	539228	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	322646	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	670757	20.00	ng		0.00
76) Chrysene-d12	21.63	240	611831	20.00	ng		0.00
86) Perylene-d12	24.78	264	613929	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1300782	158.42	ng		0.00
7) Phenol-d6	7.16	99	1822948	154.21	ng		0.00
23) Nitrobenzene-d5	9.16	82	1495953	159.68	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	527059	176.01	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2702853	130.67	ng		0.00
79) Terphenyl-d14	19.99	244	3159804	114.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35204	9.293	ng		95
3) Pyridine	3.90	79	77234	6.743	ng		99
4) n-Nitrosodimethylamine	3.82	42	34458	8.896	ng		90
6) Aniline	7.33	93	122849	8.124	ng		96
8) 2-Chlorophenol	7.58	128	68730	7.776	ng		95
9) Benzaldehyde	7.14	77	81695	10.908	ng		93
10) Phenol	7.19	94	92999	7.843	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	77588	7.912	ng		93
12) 1,3-Dichlorobenzene	7.90	146	77312	7.588	ng		98
13) 1,4-Dichlorobenzene	8.04	146	78425	7.825	ng		99
14) 1,2-Dichlorobenzene	8.36	146	72856	7.553	ng		96
15) Benzyl Alcohol	8.23	79	71399	7.703	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	98788	7.721	ng		96
17) 2-Methylphenol	8.44	107	62957	7.076	ng		95
18) Hexachloroethane	9.10	117	31178	8.085	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	67185	8.090	ng		98
20) 3+4-Methylphenols	8.76	107	85916	7.085	ng		99
22) Acetophenone	8.82	105	119219	8.276	ng	#	95
24) Nitrobenzene	9.20	77	93061	9.000	ng		97
25) Isophorone	9.73	82	174488	7.629	ng		97
26) 2-Nitrophenol	9.91	139	25089	7.444	ng		96
27) 2,4-Dimethylphenol	9.97	122	68636	8.431	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	103603	8.067	ng		92
29) 2,4-Dichlorophenol	10.44	162	61316	7.276	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	71417	7.649	ng		93
31) Naphthalene	10.85	128	234603	8.116	ng		97
32) Benzoic acid	10.03	122	22203m	5.037	ng		
33) 4-Chloroaniline	10.95	127	97539	7.551	ng		96
34) Hexachlorobutadiene	11.15	225	39441	7.234	ng		91
35) Caprolactam	11.69	113	21103	6.596	ng	#	87
36) 4-Chloro-3-methylphenol	12.07	107	71418	7.441	ng		98
37) 2-Methylnaphthalene	12.46	142	164310	7.996	ng		98
38) 1-Methylnaphthalene	12.67	142	155231	8.005	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	75420	8.292	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	43274	8.019	ng		93
43) 2,4,6-Trichlorophenol	13.06	196	47898	7.787	ng		88
44) 2,4,5-Trichlorophenol	13.13	196	50308	7.234	ng		94
46) 1,1'-Biphenyl	13.46	154	211532	8.715	ng		98
47) 2-Chloronaphthalene	13.51	162	148504	7.755	ng		94
48) 2-Nitroaniline	13.69	65	38465	8.582	ng		94
49) Acenaphthylene	14.35	152	254496	8.237	ng		96
50) Dimethylphthalate	14.08	163	192251	7.940	ng		99
51) 2,6-Dinitrotoluene	14.18	165	32153	8.558	ng		98
52) Acenaphthene	14.69	154	153234	7.863	ng		96
53) 3-Nitroaniline	14.51	138	37108	7.970	ng		99
54) 2,4-Dinitrophenol	14.72	184	7380	5.568	ng	#	64
55) Dibenzofuran	15.02	168	238098	8.334	ng		95
56) 4-Nitrophenol	14.81	139	27993	7.096	ng		98
57) 2,4-Dinitrotoluene	14.98	165	37507	8.079	ng		98
58) Fluorene	15.68	166	192205	8.201	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.25	232	42452	7.906	ng	#	94
60) Diethylphthalate	15.45	149	197678	7.785	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	91322	7.833	ng		94
62) 4-Nitroaniline	15.67	138	38659	7.725	ng		96
63) Azobenzene	15.96	77	224409	8.234	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	13188	6.713	ng		94
66) n-Nitrosodiphenylamine	15.88	169	166464	8.009	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	55006	7.343	ng		97
68) Hexachlorobenzene	16.68	284	57567	7.658	ng		97
69) Atrazine	16.83	200	57315	9.326	ng		97
70) Pentachlorophenol	17.02	266	30231	7.233	ng		95
71) Phenanthrene	17.41	178	293693	8.282	ng		98
72) Anthracene	17.50	178	309748	8.607	ng		95
73) Carbazole	17.76	167	286531	7.943	ng		96
74) Di-n-butylphthalate	18.34	149	351566	8.065	ng	#	95
75) Fluoranthene	19.42	202	349932	8.536	ng		96
77) Benzidine	19.59	184	187321	10.708	ng		99
78) Pyrene	19.78	202	354680	8.493	ng		95
80) Butylbenzylphthalate	20.68	149	145824	7.389	ng		97
81) Benzo(a)anthracene	21.61	228	327005	8.128	ng		94
82) 3,3'-Dichlorobenzidine	21.52	252	123603	8.315	ng		96
83) Chrysene	21.67	228	308632	8.053	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	226240	7.897	ng	#	94
85) Di-n-octyl phthalate	22.76	149	370684	7.456	ng		98
87) Indeno(1,2,3-cd)pyrene	28.35	276	359573	8.006	ng		99
88) Benzo(b)fluoranthene	23.78	252	320629	8.227	ng		95
89) Benzo(k)fluoranthene	23.85	252	316208	8.581	ng		98
90) Benzo(a)pyrene	24.63	252	289709	7.905	ng		97
91) Dibenzo(a,h)anthracene	28.42	278	297390	8.209	ng		97
92) Benzo(g,h,i)perylene	29.46	276	297379	8.157	ng		99

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

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