Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043876.D
Acq On : 2 Jan 2020 15:39
Operator : JU
Sample : K5111-07
Misc : LOD-MDL WATER 5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/3/2020 11:05:13 AM

Quant Time: Jan 02 16:36:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 16:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	115672	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	522386	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	351553	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	777812	20.00	ng		0.00
76) Chrysene-d12	21.58	240	697518	20.00	ng		0.00
87) Perylene-d12	24.72	264	766925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	910037	144.45	ng		0.00
7) Phenol-d6	7.12	99	1264310	143.57	ng		0.00
23) Nitrobenzene-d5	9.12	82	963974	98.72	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	550549	149.65	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2083974	107.40	ng		0.00
79) Terphenyl-d14	19.95	244	2816537	97.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14607	5.318	ng		93
3) Pyridine	3.84	79	37151	4.578	ng	#	90
4) n-Nitrosodimethylamine	3.75	42	16533	4.576	ng	#	94
6) Aniline	7.28	93	59981	5.186	ng		94
8) 2-Chlorophenol	7.52	128	39158	5.295	ng		93
9) Benzaldehyde	7.09	77	37837	6.713	ng		96
10) Phenol	7.15	94	47657	5.253	ng		92
11) bis(2-Chloroethyl)ether	7.38	93	40940	5.227	ng		97
12) 1,3-Dichlorobenzene	7.85	146	43115	4.982	ng		98
13) 1,4-Dichlorobenzene	8.00	146	43958	5.148	ng		94
14) 1,2-Dichlorobenzene	8.32	146	41416	5.053	ng		98
15) Benzyl Alcohol	8.19	79	33602	4.835	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	57753	4.766	ng		98
17) 2-Methylphenol	8.40	107	31890	4.857	ng		98
18) Hexachloroethane	9.05	117	16725	5.033	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	35173	5.363	ng	#	92
20) 3+4-Methylphenols	8.73	107	44656	4.875	ng		98
22) Acetophenone	8.78	105	63843	4.916	ng	#	97
24) Nitrobenzene	9.16	77	49042	5.071	ng		98
25) Isophorone	9.69	82	89770	4.900	ng		98
26) 2-Nitrophenol	9.87	139	17348	3.791	ng	#	87
27) 2,4-Dimethylphenol	9.93	122	34972	5.077	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	59264	4.852	ng		98
29) 2,4-Dichlorophenol	10.41	162	36126	4.397	ng		96
30) 1,2,4-Trichlorobenzene	10.63	180	44725	4.855	ng		98
31) Naphthalene	10.81	128	137121	5.424	ng		96
32) Benzoic acid	9.99	122	4003	0.779	ng	#	83
33) 4-Chloroaniline	10.91	127	56222	4.663	ng		96
34) Hexachlorobutadiene	11.11	225	25472	4.529	ng		94
35) Caprolactam	11.64	113	13879	4.538	ng	#	79
36) 4-Chloro-3-methylphenol	12.04	107	38866	4.444	ng		98
37) 2-Methylnaphthalene	12.42	142	103857	5.457	ng		95
38) 1-Methylnaphthalene	12.64	142	98007m	5.434	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	51172	4.966	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	24010	4.495	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	28686	4.046	ng		91
44) 2,4,5-Trichlorophenol	13.09	196	32909	4.500	ng		96
46) 1,1'-Biphenyl	13.43	154	133364	5.291	ng		95
47) 2-Chloronaphthalene	13.47	162	101964	5.006	ng		94
48) 2-Nitroaniline	13.66	65	25542	3.898	ng		94
49) Acenaphthylene	14.32	152	163598	5.588	ng	#	92
50) Dimethylphthalate	14.05	163	135507	5.429	ng		97
51) 2,6-Dinitrotoluene	14.16	165	26397	4.679	ng		98
52) Acenaphthene	14.66	154	102372	4.986	ng		96
53) 3-Nitroaniline	14.48	138	26487	4.134	ng	#	94
54) 2,4-Dinitrophenol	14.69	184	4126	1.622	ng		99
55) Dibenzofuran	14.99	168	163625	5.790	ng		93
56) 4-Nitrophenol	14.79	139	18028	3.672	ng		90
57) 2,4-Dinitrotoluene	14.94	165	32148	4.188	ng		95
58) Fluorene	15.64	166	130674	5.834	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	29517	4.694	ng		94
60) Diethylphthalate	15.41	149	141268	5.658	ng	#	94
61) 4-Chlorophenyl-phenylether	15.63	204	66580	5.474	ng		92
62) 4-Nitroaniline	15.64	138	28421	4.492	ng		94
63) Azobenzene	15.93	77	128773	5.562	ng		95
65) 4,6-Dinitro-2-methylphenol	15.71	198	10365	2.740	ng		93
66) n-Nitrosodiphenylamine	15.84	169	116190	5.073	ng		96
67) 4-Bromophenyl-phenylether	16.52	248	39719	4.540	ng		96
68) Hexachlorobenzene	16.65	284	44494	4.720	ng		94
69) Atrazine	16.79	200	33981	4.564	ng		98
70) Pentachlorophenol	16.99	266	13085	2.518	ng		99
71) Phenanthrene	17.38	178	211324	5.664	ng		94
72) Anthracene	17.46	178	209817	5.691	ng		94
73) Carbazole	17.73	167	190299	5.587	ng		93
74) Di-n-butylphthalate	18.31	149	224066	5.153	ng	#	94
75) Fluoranthene	19.39	202	241560	5.662	ng		93
77) Benzidine	19.56	184	86558	4.937	ng		98
78) Pyrene	19.74	202	253074	5.558	ng		92
80) Butylbenzylphthalate	20.64	149	86087	3.971	ng		93
81) Benzo(a)anthracene	21.57	228	234539	5.423	ng		94
82) 3,3'-Dichlorobenzidine	21.48	252	78996	4.623	ng		98
83) Chrysene	21.63	228	222393	5.411	ng		91
84) Bis(2-ethylhexyl)phthalate	21.50	149	139042	4.649	ng	#	92
85) Di-n-octyl phthalate	22.69	149	215872	4.293	ng		99
86) Indeno(1,2,3-cd)pyrene	28.25	276	246866	4.420	ng	#	81
88) Benzo(b)fluoranthene	23.72	252	219737	4.847	ng		97
89) Benzo(k)fluoranthene	23.79	252	235274m	5.457	ng		
90) Benzo(a)pyrene	24.56	252	201910	4.718	ng		97
91) Dibenzo(a,h)anthracene	28.32	278	204764	4.765	ng		97
92) Benzo(g,h,i)perylene	29.35	276	202972	4.755	ng		95

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

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