Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026692.D
Acq On : 08 Jul 2020 00:33
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-W-4PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:50 AM

Quant Time: Jul 08 05:59:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	57958	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	255572	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	180946	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	426802	20.00	ng		0.00
76) Chrysene-d12	20.96	240	521181	20.00	ng		-0.01
86) Perylene-d12	23.03	264	557598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	560047	161.96	ng		0.00
7) Phenol-d6	6.54	99	825549	149.85	ng		0.00
23) Nitrobenzene-d5	8.48	82	912901	152.39	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	476404	180.74	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2069973	152.11	ng		0.00
79) Terphenyl-d14	19.42	244	3997984	150.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	7366	4.433	ng		96
3) Pyridine	3.39	79	12491	2.629	ng	#	85
4) n-Nitrosodimethylamine	3.28	42	8372	2.943	ng	#	88
6) Aniline	6.68	93	24015	3.551	ng		94
8) 2-Chlorophenol	6.90	128	15355	3.728	ng		98
9) Benzaldehyde	6.49	77	14917	4.879	ng		90
10) Phenol	6.56	94	19837	3.643	ng		94
11) bis(2-Chloroethyl)ether	6.78	93	15550	3.415	ng		97
12) 1,3-Dichlorobenzene	7.22	146	16824	3.758	ng		95
13) 1,4-Dichlorobenzene	7.36	146	16623	3.647	ng		94
14) 1,2-Dichlorobenzene	7.67	146	16536	3.642	ng		97
15) Benzyl Alcohol	7.59	79	13393	2.841	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.87	45	34898	3.714	ng		98
17) 2-Methylphenol	7.79	107	12881	3.113	ng		93
18) Hexachloroethane	8.37	117	6419	3.546	ng		91
19) n-Nitroso-di-n-propylamine	8.15	70	15477	3.376	ng		96
20) 3+4-Methylphenols	8.12	107	16026	2.817	ng		95
22) Acetophenone	8.15	105	27801	3.828	ng	#	89
24) Nitrobenzene	8.52	77	23584	3.742	ng		96
25) Isophorone	9.05	82	39971	3.480	ng		97
26) 2-Nitrophenol	9.23	139	6322	2.718	ng		98
27) 2,4-Dimethylphenol	9.30	122	13526	3.576	ng		96
28) bis(2-Chloroethoxy)methane	9.54	93	22374	3.526	ng		95
29) 2,4-Dichlorophenol	9.77	162	12521	3.006	ng		91
30) 1,2,4-Trichlorobenzene	9.96	180	17155	3.692	ng		98
31) Naphthalene	10.13	128	52217	3.673	ng		100
32) Benzoic acid	9.44	122	1498m	0.522	ng		
33) 4-Chloroaniline	10.27	127	19631	3.157	ng		97
34) Hexachlorobutadiene	10.42	225	10869	3.532	ng		93
35) Caprolactam	11.05	113	3994	2.707	ng	#	77
36) 4-Chloro-3-methylphenol	11.42	107	16899	3.210	ng		98
37) 2-Methylnaphthalene	11.76	142	38995	3.703	ng		95
38) 1-Methylnaphthalene	11.99	142	37746	3.742	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	21226	3.629	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	5144	1.843	ng		94
43) 2,4,6-Trichlorophenol	12.42	196	10706	2.794	ng		98
44) 2,4,5-Trichlorophenol	12.49	196	11607	2.578	ng		98
46) 1,1'-Biphenyl	12.81	154	58407	4.086	ng		95
47) 2-Chloronaphthalene	12.85	162	39283	3.402	ng		98
48) 2-Nitroaniline	13.07	65	12476	2.626	ng		88
49) Acenaphthylene	13.70	152	63100	3.419	ng		98
50) Dimethylphthalate	13.47	163	54267	3.506	ng		99
51) 2,6-Dinitrotoluene	13.59	165	9984	3.012	ng		94
52) Acenaphthene	14.05	154	38104	3.397	ng		93
53) 3-Nitroaniline	13.93	138	7787	2.259	ng		81
54) 2,4-Dinitrophenol	14.16	184	1877m	0.968	ng		
55) Dibenzofuran	14.39	168	64095	3.485	ng		98
56) 4-Nitrophenol	14.29	139	3749m	1.386	ng		
57) 2,4-Dinitrotoluene	14.40	165	12481	2.609	ng	#	87
58) Fluorene	15.05	166	51659	3.392	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.64	232	12599	3.204	ng	#	98
60) Diethylphthalate	14.85	149	55234	3.375	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	28556	3.461	ng		99
62) 4-Nitroaniline	15.10	138	6409	1.781	ng		90
63) Azobenzene	15.35	77	59562	3.314	ng		96
65) 4,6-Dinitro-2-methylphenol	15.17	198	5164	1.780	ng		95
66) n-Nitrosodiphenylamine	15.27	169	45434	3.350	ng		97
67) 4-Bromophenyl-phenylether	15.95	248	16799	3.162	ng		94
68) Hexachlorobenzene	16.06	284	19337	3.458	ng		98
69) Atrazine	16.24	200	15405	3.777	ng		95
70) Pentachlorophenol	16.42	266	7162	2.264	ng		97
71) Phenanthrene	16.79	178	90268	3.583	ng		99
72) Anthracene	16.88	178	86333	3.442	ng		98
73) Carbazole	17.17	167	72581	3.035	ng		98
74) Di-n-butylphthalate	17.74	149	89630	2.981	ng		99
75) Fluoranthene	18.82	202	107119	3.452	ng		99
77) Benzidine	19.03	184	32450	3.158	ng		97
78) Pyrene	19.19	202	112520	3.427	ng		99
80) Butylbenzylphthalate	20.13	149	41130	2.792	ng		96
81) Benzo(a)anthracene	20.95	228	126243	3.606	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	38746	3.487	ng		98
83) Chrysene	21.00	228	123300	3.619	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	66784	2.829	ng		99
85) Di-n-octyl phthalate	21.76	149	113747	2.820	ng		94
87) Indeno(1,2,3-cd)pyrene	25.04	276	146280	3.685	ng		99
88) Benzo(b)fluoranthene	22.43	252	126564	3.445	ng		98
89) Benzo(k)fluoranthene	22.47	252	133972	3.718	ng		99
90) Benzo(a)pyrene	22.94	252	114933	3.370	ng		99
91) Dibenzo(a,h)anthracene	25.05	278	123981	3.700	ng	#	96
92) Benzo(g,h,i)perylene	25.64	276	123537	4.001	ng		97

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

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