Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026693.D
Acq On : 08 Jul 2020 01:09
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:53 AM

Quant Time: Jul 08 06:12:54 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	62745	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	279748	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	196332	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	460389	20.00	ng		0.00
76) Chrysene-d12	20.96	240	552547	20.00	ng		-0.01
86) Perylene-d12	23.03	264	577190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	659100	176.06	ng		0.00
7) Phenol-d6	6.54	99	975360	163.53	ng		0.00
23) Nitrobenzene-d5	8.48	82	1029555	157.01	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	556258	194.50	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2337028	158.27	ng		0.00
79) Terphenyl-d14	19.42	244	4448310	158.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	9994	5.556	ng		95
3) Pyridine	3.38	79	15728	3.057	ng	#	89
4) n-Nitrosodimethylamine	3.28	42	13828	4.491	ng	#	85
6) Aniline	6.68	93	34572	4.723	ng		99
8) 2-Chlorophenol	6.90	128	21277	4.771	ng		92
9) Benzaldehyde	6.50	77	24822	7.499	ng		93
10) Phenol	6.56	94	27884	4.730	ng		85
11) bis(2-Chloroethyl)ether	6.78	93	22602	4.586	ng		99
12) 1,3-Dichlorobenzene	7.22	146	22932	4.731	ng		97
13) 1,4-Dichlorobenzene	7.36	146	23198	4.702	ng		95
14) 1,2-Dichlorobenzene	7.67	146	22834	4.646	ng		95
15) Benzyl Alcohol	7.59	79	19608	3.842	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.87	45	47228	4.642	ng		99
17) 2-Methylphenol	7.79	107	18399	4.107	ng		89
18) Hexachloroethane	8.38	117	8910	4.547	ng		89
19) n-Nitroso-di-n-propylamine	8.14	70	21353	4.303	ng		98
20) 3+4-Methylphenols	8.12	107	23926	3.885	ng		88
22) Acetophenone	8.15	105	39399	4.956	ng	#	96
24) Nitrobenzene	8.52	77	31598	4.581	ng		99
25) Isophorone	9.05	82	54512	4.335	ng		99
26) 2-Nitrophenol	9.22	139	9784	3.843	ng		97
27) 2,4-Dimethylphenol	9.30	122	19903	4.807	ng		96
28) bis(2-Chloroethoxy)methane	9.53	93	32595	4.692	ng		97
29) 2,4-Dichlorophenol	9.76	162	17232	3.779	ng		93
30) 1,2,4-Trichlorobenzene	9.96	180	22956	4.513	ng		99
31) Naphthalene	10.13	128	72426	4.655	ng		99
32) Benzoic acid	9.42	122	3780m	1.203	ng		
33) 4-Chloroaniline	10.27	127	27071	3.977	ng		96
34) Hexachlorobutadiene	10.42	225	15260	4.530	ng		94
35) Caprolactam	11.05	113	5902	3.654	ng	#	88
36) 4-Chloro-3-methylphenol	11.41	107	23936	4.154	ng		96
37) 2-Methylnaphthalene	11.76	142	54958	4.768	ng		93
38) 1-Methylnaphthalene	11.99	142	52373	4.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	31102	4.900	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	8623	2.847	ng		99
43) 2,4,6-Trichlorophenol	12.41	196	15764	3.792	ng		98
44) 2,4,5-Trichlorophenol	12.49	196	19087	3.907	ng		96
46) 1,1'-Biphenyl	12.81	154	81572	5.260	ng		97
47) 2-Chloronaphthalene	12.84	162	56651	4.522	ng		96
48) 2-Nitroaniline	13.07	65	18055	3.502	ng		91
49) Acenaphthylene	13.70	152	88864	4.437	ng		99
50) Dimethylphthalate	13.46	163	74533	4.438	ng		98
51) 2,6-Dinitrotoluene	13.58	165	14895	4.142	ng		93
52) Acenaphthene	14.05	154	54227	4.455	ng		95
53) 3-Nitroaniline	13.92	138	13182	3.524	ng		93
54) 2,4-Dinitrophenol	14.16	184	3377	1.604	ng		95
55) Dibenzofuran	14.39	168	90686	4.544	ng		99
56) 4-Nitrophenol	14.28	139	6612	2.252	ng		90
57) 2,4-Dinitrotoluene	14.39	165	18433	3.552	ng	#	79
58) Fluorene	15.05	166	72205	4.370	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	18129	4.249	ng		99
60) Diethylphthalate	14.85	149	77784	4.380	ng		99
61) 4-Chlorophenyl-phenylether	15.06	204	39653	4.429	ng		99
62) 4-Nitroaniline	15.10	138	9334	2.391	ng		98
63) Azobenzene	15.35	77	83241	4.268	ng		96
65) 4,6-Dinitro-2-methylphenol	15.17	198	8043	2.570	ng		93
66) n-Nitrosodiphenylamine	15.27	169	63247	4.323	ng		95
67) 4-Bromophenyl-phenylether	15.95	248	23861	4.164	ng		98
68) Hexachlorobenzene	16.06	284	27098	4.493	ng		100
69) Atrazine	16.24	200	22467	5.107	ng		96
70) Pentachlorophenol	16.42	266	10530	3.086	ng		92
71) Phenanthrene	16.79	178	124611	4.585	ng		98
72) Anthracene	16.88	178	121634	4.495	ng		98
73) Carbazole	17.16	167	101795	3.946	ng		99
74) Di-n-butylphthalate	17.74	149	128896	3.974	ng		99
75) Fluoranthene	18.82	202	148889	4.448	ng		100
77) Benzidine	19.03	184	48423	4.445	ng		99
78) Pyrene	19.19	202	156975	4.510	ng		99
80) Butylbenzylphthalate	20.12	149	59593	3.815	ng		98
81) Benzo(a)anthracene	20.95	228	172281	4.642	ng		100
82) 3,3'-Dichlorobenzidine	20.90	252	54216	4.602	ng		96
83) Chrysene	21.00	228	163676	4.531	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	97433	3.894	ng		98
85) Di-n-octyl phthalate	21.76	149	162417	3.797	ng		96
87) Indeno(1,2,3-cd)pyrene	25.03	276	192465	4.684	ng		100
88) Benzo(b)fluoranthene	22.43	252	175663	4.619	ng		97
89) Benzo(k)fluoranthene	22.47	252	171642	4.601	ng		98
90) Benzo(a)pyrene	22.94	252	154135	4.366	ng		99
91) Dibenzo(a,h)anthracene	25.04	278	160752	4.634	ng		97
92) Benzo(g,h,i)perylene	25.64	276	158491	4.959	ng		98

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

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