Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026716.D
Acq On : 09 Jul 2020 13:12
Operator : JU/CG
Sample : L3216-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:24 AM

Quant Time: Jul 09 14:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71280	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	312550	20.00	ng		-0.01
39) Acenaphthene-d10	13.98	164	217194	20.00	ng		-0.01
64) Phenanthrene-d10	16.75	188	511069	20.00	ng		0.00
76) Chrysene-d12	20.96	240	626036	20.00	ng		-0.01
86) Perylene-d12	23.03	264	632926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	411502	96.76	ng		0.00
7) Phenol-d6	6.53	99	625588	92.33	ng		-0.01
23) Nitrobenzene-d5	8.48	82	550853	75.19	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	314057	99.26	ng		-0.01
45) 2-Fluorobiphenyl	12.59	172	1204985	73.77	ng		0.00
79) Terphenyl-d14	19.41	244	1861662	58.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	16649	8.148	ng		96
3) Pyridine	3.36	79	29702	5.082	ng	#	87
4) n-Nitrosodimethylamine	3.27	42	22761	6.507	ng		94
6) Aniline	6.68	93	55546	6.679	ng		98
8) 2-Chlorophenol	6.90	128	33395	6.592	ng		94
9) Benzaldehyde	6.49	77	36320	9.658	ng		99
10) Phenol	6.56	94	43422	6.484	ng		84
11) bis(2-Chloroethyl)ether	6.78	93	35132	6.274	ng		98
12) 1,3-Dichlorobenzene	7.22	146	38256	6.947	ng		99
13) 1,4-Dichlorobenzene	7.36	146	38021	6.783	ng		97
14) 1,2-Dichlorobenzene	7.66	146	36885	6.606	ng		96
15) Benzyl Alcohol	7.58	79	32772	5.653	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	74821	6.474	ng		99
17) 2-Methylphenol	7.79	107	27815	5.465	ng		90
18) Hexachloroethane	8.38	117	14842	6.667	ng		90
19) n-Nitroso-di-n-propylamine	8.14	70	34912	6.193	ng		97
20) 3+4-Methylphenols	8.12	107	38789	5.544	ng		97
22) Acetophenone	8.15	105	59988	6.754	ng	#	93
24) Nitrobenzene	8.52	77	52387	6.797	ng		97
25) Isophorone	9.04	82	87602	6.236	ng		97
26) 2-Nitrophenol	9.22	139	17464	6.139	ng		98
27) 2,4-Dimethylphenol	9.30	122	32766	7.084	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	51239	6.602	ng		94
29) 2,4-Dichlorophenol	9.76	162	30936	6.073	ng		100
30) 1,2,4-Trichlorobenzene	9.95	180	37555	6.608	ng		99
31) Naphthalene	10.13	128	115595	6.650	ng		99
32) Benzoic acid	9.42	122	5138	8.190	ng		99
33) 4-Chloroaniline	10.26	127	45555	5.991	ng		98
34) Hexachlorobutadiene	10.42	225	24835	6.599	ng		94
35) Caprolactam	11.04	113	10310	5.714	ng	#	78
36) 4-Chloro-3-methylphenol	11.40	107	39627	6.155	ng		93
37) 2-Methylnaphthalene	11.76	142	87059	6.761	ng		97
38) 1-Methylnaphthalene	11.98	142	82342	6.674	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	46752	6.659	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	15496	9.750	ng		91
43) 2,4,6-Trichlorophenol	12.40	196	27300	5.936	ng		98
44) 2,4,5-Trichlorophenol	12.48	196	29133	5.390	ng		95
46) 1,1'-Biphenyl	12.80	154	119128	6.944	ng		98
47) 2-Chloronaphthalene	12.84	162	87534	6.316	ng		97
48) 2-Nitroaniline	13.07	65	31717	5.561	ng		92
49) Acenaphthylene	13.70	152	137846	6.222	ng		98
50) Dimethylphthalate	13.46	163	118991	6.405	ng		99
51) 2,6-Dinitrotoluene	13.58	165	23952	6.021	ng		96
52) Acenaphthene	14.05	154	86223	6.404	ng		98
53) 3-Nitroaniline	13.92	138	20617	4.982	ng		99
54) 2,4-Dinitrophenol	14.15	184	6802	8.544	ng		94
55) Dibenzofuran	14.39	168	140690	6.372	ng		99
56) 4-Nitrophenol	14.27	139	12829	7.294	ng		91
57) 2,4-Dinitrotoluene	14.39	165	32742	5.703	ng	#	87
58) Fluorene	15.05	166	113197	6.193	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	29375	6.224	ng		99
60) Diethylphthalate	14.85	149	123476	6.286	ng		99
61) 4-Chlorophenyl-phenylether	15.05	204	60132	6.072	ng		95
62) 4-Nitroaniline	15.09	138	21298m	7.257	ng		
63) Azobenzene	15.35	77	134492	6.233	ng		95
65) 4,6-Dinitro-2-methylphenol	15.16	198	15127	8.188	ng		85
66) n-Nitrosodiphenylamine	15.27	169	100269	6.174	ng		97
67) 4-Bromophenyl-phenylether	15.95	248	37506	5.896	ng		95
68) Hexachlorobenzene	16.06	284	42004	6.274	ng		97
69) Atrazine	16.25	200	36963	7.569	ng		98
70) Pentachlorophenol	16.42	266	17976	4.746	ng		97
71) Phenanthrene	16.79	178	192931	6.395	ng		99
72) Anthracene	16.88	178	188324	6.270	ng		99
73) Carbazole	17.16	167	168680	5.891	ng		99
74) Di-n-butylphthalate	17.75	149	208591	5.793	ng		99
75) Fluoranthene	18.82	202	237119	6.381	ng		100
77) Benzidine	19.03	184	85091	6.894	ng		96
78) Pyrene	19.18	202	249687	6.331	ng		99
80) Butylbenzylphthalate	20.12	149	97957	5.535	ng		99
81) Benzo(a)anthracene	20.94	228	273360	6.500	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	89452	6.702	ng		95
83) Chrysene	21.00	228	267112	6.526	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	157935	5.571	ng		100
85) Di-n-octyl phthalate	21.76	149	266395	5.497	ng		96
87) Indeno(1,2,3-cd)pyrene	25.03	276	287894	6.389	ng		100
88) Benzo(b)fluoranthene	22.43	252	279459	6.701	ng		99
89) Benzo(k)fluoranthene	22.47	252	269677	6.593	ng		98
90) Benzo(a)pyrene	22.94	252	242467	6.263	ng		99
91) Dibenzo(a,h)anthracene	25.04	278	242521	6.376	ng		99
92) Benzo(g,h,i)perylene	25.64	276	232844	6.644	ng		99

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

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