Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026479.D
Acq On : 19 Jun 2020 23:19
Operator : JU/CG
Sample : L2182-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:41 PM

Quant Time: Jun 20 06:45:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	103739	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	452756	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	314860	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	713564	20.00	ng		0.00
76) Chrysene-d12	21.01	240	705691	20.00	ng		0.00
86) Perylene-d12	23.10	264	668960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	924460	157.56	ng		0.00
7) Phenol-d6	6.59	99	1381984	162.66	ng		0.00
23) Nitrobenzene-d5	8.53	82	1048918	113.75	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	737166	193.28	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2359823	113.77	ng		0.00
79) Terphenyl-d14	19.46	244	4171581	114.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	13171	4.979	ng		96
3) Pyridine	3.42	79	28785	3.705	ng	#	91
4) n-Nitrosodimethylamine	3.32	42	17852	4.640	ng		81
6) Aniline	6.73	93	51865	4.654	ng		96
8) 2-Chlorophenol	6.96	128	32521	4.805	ng		95
9) Benzaldehyde	6.55	77	36417	6.722	ng		97
10) Phenol	6.62	94	42131	4.656	ng		83
11) bis(2-Chloroethyl)ether	6.83	93	34788	4.773	ng		94
12) 1,3-Dichlorobenzene	7.27	146	34295	4.577	ng		99
13) 1,4-Dichlorobenzene	7.42	146	36569	4.791	ng		96
14) 1,2-Dichlorobenzene	7.73	146	35804	4.802	ng		97
15) Benzyl Alcohol	7.64	79	29838	4.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	68496	5.032	ng		99
17) 2-Methylphenol	7.85	107	26153	3.955	ng		96
18) Hexachloroethane	8.44	117	13787	4.770	ng		95
19) n-Nitroso-di-n-propylamine	8.20	70	32928	4.973	ng		89
20) 3+4-Methylphenols	8.17	107	35411	3.929	ng		95
22) Acetophenone	8.20	105	58617	5.035	ng	#	90
24) Nitrobenzene	8.57	77	45523	4.716	ng		96
25) Isophorone	9.10	82	83085	4.796	ng		99
26) 2-Nitrophenol	9.28	139	15808	4.138	ng		90
27) 2,4-Dimethylphenol	9.36	122	17046	2.826	ng		99
28) bis(2-Chloroethoxy)methane	9.59	93	48227	4.907	ng		97
29) 2,4-Dichlorophenol	9.82	162	27281	4.123	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	34552	4.762	ng		97
31) Naphthalene	10.19	128	112939	4.950	ng		98
32) Benzoic acid	9.46	122	5362m	1.197	ng		
33) 4-Chloroaniline	10.33	127	41082	4.128	ng		99
34) Hexachlorobutadiene	10.49	225	22195	4.845	ng		97
35) Caprolactam	11.10	113	10427	4.485	ng		92
36) 4-Chloro-3-methylphenol	11.46	107	36641	4.544	ng		95
37) 2-Methylnaphthalene	11.82	142	82534	5.076	ng		98
38) 1-Methylnaphthalene	12.05	142	80247	5.210	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	45711	5.100	ng		99

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Quant Time: Jun 20 06:45:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	10333	1.956	ng		89
43) 2,4,6-Trichlorophenol	12.46	196	24781	4.085	ng		97
44) 2,4,5-Trichlorophenol	12.54	196	27719	3.936	ng		96
46) 1,1'-Biphenyl	12.86	154	117769	5.335	ng		99
47) 2-Chloronaphthalene	12.90	162	83849	4.676	ng		98
48) 2-Nitroaniline	13.12	65	27905	3.927	ng		95
49) Acenaphthylene	13.76	152	136838	4.772	ng		99
50) Dimethylphthalate	13.52	163	112836	4.900	ng		100
51) 2,6-Dinitrotoluene	13.63	165	22378	4.428	ng		92
52) Acenaphthene	14.10	154	84042	4.882	ng		98
53) 3-Nitroaniline	13.97	138	18506	3.289	ng		94
54) 2,4-Dinitrophenol	14.20	184	5480	1.784	ng	#	81
55) Dibenzofuran	14.44	168	140356	5.060	ng		99
56) 4-Nitrophenol	14.32	139	10173	2.280	ng		91
57) 2,4-Dinitrotoluene	14.43	165	28836	4.104	ng	#	83
58) Fluorene	15.10	166	109873	4.876	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.69	232	28805	4.782	ng		98
60) Diethylphthalate	14.90	149	114956	4.901	ng		99
61) 4-Chlorophenyl-phenylether	15.10	204	57755	4.833	ng		99
62) 4-Nitroaniline	15.14	138	16489m	2.748	ng		
63) Azobenzene	15.40	77	126050	4.911	ng		97
65) 4,6-Dinitro-2-methylphenol	15.22	198	12369	2.851	ng		89
66) n-Nitrosodiphenylamine	15.33	169	94103	4.552	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	35725	4.548	ng		97
68) Hexachlorobenzene	16.11	284	40342	4.922	ng		97
69) Atrazine	16.29	200	36859	5.968	ng		99
70) Pentachlorophenol	16.47	266	14795	2.997	ng		96
71) Phenanthrene	16.84	178	182464	4.910	ng		98
72) Anthracene	16.93	178	172563	4.653	ng		99
73) Carbazole	17.21	167	149972	4.264	ng		99
74) Di-n-butylphthalate	17.80	149	180647	4.356	ng		99
75) Fluoranthene	18.87	202	209440	4.916	ng		98
77) Benzidine	19.07	184	56689	3.867	ng		99
78) Pyrene	19.23	202	218993	4.697	ng		99
80) Butylbenzylphthalate	20.17	149	78510	4.164	ng		99
81) Benzo(a)anthracene	20.99	228	219158	5.174	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	72842	5.558	ng		99
83) Chrysene	21.04	228	212056	5.253	ng		98
84) Bis(2-ethylhexyl)phthalate	20.96	149	123658	4.599	ng		98
85) Di-n-octyl phthalate	21.80	149	193762	4.672	ng		96
87) Indeno(1,2,3-cd)pyrene	25.13	276	173750	4.490	ng		99
88) Benzo(b)fluoranthene	22.49	252	188073	4.674	ng		98
89) Benzo(k)fluoranthene	22.53	252	200928	5.139	ng		99
90) Benzo(a)pyrene	23.01	252	163118	4.564	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	146538	4.536	ng		99
92) Benzo(g,h,i)perylene	25.74	276	145255	4.725	ng		99

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

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