Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026481.D
Acq On : 20 Jun 2020 00:31
Operator : JU/CG
Sample : L2182-08
Misc : LOO--W-10PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:46 PM

Quant Time: Jun 20 06:47:47 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	119230	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	491586	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	321558	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	702809	20.00	ng		0.00
76) Chrysene-d12	21.01	240	596670	20.00	ng		0.00
86) Perylene-d12	23.10	264	520241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	965250	143.13	ng		0.00
7) Phenol-d6	6.59	99	1378124	141.13	ng		0.00
23) Nitrobenzene-d5	8.53	82	1019281	101.81	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	642354	164.91	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2181948	103.00	ng		0.00
79) Terphenyl-d14	19.46	244	3443008	112.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	29500	9.703	ng		93
3) Pyridine	3.40	79	69782	7.814	ng	#	92
4) n-Nitrosodimethylamine	3.31	42	39954	9.036	ng	#	76
6) Aniline	6.73	93	113737	8.880	ng		96
8) 2-Chlorophenol	6.96	128	70604	9.077	ng		96
9) Benzaldehyde	6.55	77	74548	11.972	ng		96
10) Phenol	6.62	94	92723	8.916	ng		88
11) bis(2-Chloroethyl)ether	6.83	93	72605	8.668	ng		95
12) 1,3-Dichlorobenzene	7.27	146	78456	9.110	ng		99
13) 1,4-Dichlorobenzene	7.42	146	77902	8.881	ng		98
14) 1,2-Dichlorobenzene	7.73	146	76634	8.944	ng		94
15) Benzyl Alcohol	7.64	79	68149	8.218	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.93	45	143379	9.165	ng		99
17) 2-Methylphenol	7.85	107	59043	7.768	ng		95
18) Hexachloroethane	8.44	117	29749	8.955	ng		96
19) n-Nitroso-di-n-propylamine	8.20	70	69033	9.072	ng		98
20) 3+4-Methylphenols	8.17	107	79888	7.712	ng		99
22) Acetophenone	8.20	105	122462	9.688	ng		94
24) Nitrobenzene	8.57	77	102757	9.804	ng		97
25) Isophorone	9.10	82	176309	9.374	ng		99
26) 2-Nitrophenol	9.28	139	35227	8.493	ng		91
27) 2,4-Dimethylphenol	9.36	122	51912	7.928	ng		95
28) bis(2-Chloroethoxy)methane	9.59	93	102243	9.581	ng		98
29) 2,4-Dichlorophenol	9.82	162	63759	8.874	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	74419	9.446	ng		98
31) Naphthalene	10.19	128	235112	9.491	ng		99
32) Benzoic acid	9.47	122	21104m	4.338	ng		
33) 4-Chloroaniline	10.32	127	90910	8.414	ng		98
34) Hexachlorobutadiene	10.49	225	47734	9.598	ng		98
35) Caprolactam	11.10	113	22537	8.929	ng		92
36) 4-Chloro-3-methylphenol	11.46	107	78502	8.967	ng		99
37) 2-Methylnaphthalene	11.82	142	171442	9.712	ng		99
38) 1-Methylnaphthalene	12.04	142	162383	9.710	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	93185	10.180	ng		99

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Quant Time: Jun 20 06:47:47 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	44337	8.219	ng		99
43) 2,4,6-Trichlorophenol	12.46	196	54152	8.740	ng		94
44) 2,4,5-Trichlorophenol	12.53	196	60029	8.347	ng		94
46) 1,1'-Biphenyl	12.86	154	232193	10.300	ng		99
47) 2-Chloronaphthalene	12.90	162	169810	9.273	ng		99
48) 2-Nitroaniline	13.12	65	59986	8.266	ng		95
49) Acenaphthylene	13.76	152	273298	9.331	ng		98
50) Dimethylphthalate	13.52	163	223544	9.505	ng		100
51) 2,6-Dinitrotoluene	13.63	165	47941	9.289	ng		97
52) Acenaphthene	14.10	154	166147	9.450	ng		99
53) 3-Nitroaniline	13.96	138	42859	7.458	ng		97
54) 2,4-Dinitrophenol	14.19	184	37981	12.109	ng		89
55) Dibenzofuran	14.44	168	268349	9.472	ng		99
56) 4-Nitrophenol	14.30	139	26988	5.922	ng	#	82
57) 2,4-Dinitrotoluene	14.43	165	62845	8.758	ng		89
58) Fluorene	15.10	166	216605	9.413	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.69	232	55965	9.098	ng		99
60) Diethylphthalate	14.90	149	225922	9.431	ng		99
61) 4-Chlorophenyl-phenylether	15.10	204	113064	9.263	ng		95
62) 4-Nitroaniline	15.14	138	41181m	6.719	ng		
63) Azobenzene	15.40	77	249238	9.509	ng		97
65) 4,6-Dinitro-2-methylphenol	15.21	198	30863	7.222	ng		92
66) n-Nitrosodiphenylamine	15.33	169	190448	9.354	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	69851	9.028	ng		97
68) Hexachlorobenzene	16.11	284	77639	9.617	ng		98
69) Atrazine	16.29	200	65426	10.756	ng		97
70) Pentachlorophenol	16.46	266	33383	6.867	ng		97
71) Phenanthrene	16.84	178	349155	9.540	ng		99
72) Anthracene	16.93	178	335352	9.181	ng		99
73) Carbazole	17.21	167	295576	8.533	ng		99
74) Di-n-butylphthalate	17.80	149	374783	9.175	ng		99
75) Fluoranthene	18.87	202	394295	9.397	ng		98
77) Benzidine	19.07	184	116954	9.437	ng		100
78) Pyrene	19.23	202	404818	10.268	ng		99
80) Butylbenzylphthalate	20.17	149	152277	9.552	ng		98
81) Benzo(a)anthracene	20.99	228	358059	9.998	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	122899	11.091	ng		99
83) Chrysene	21.04	228	345835	10.133	ng		99
84) Bis(2-ethylhexyl)phthalate	20.96	149	219072	9.637	ng		99
85) Di-n-octyl phthalate	21.80	149	320142	9.129	ng		97
87) Indeno(1,2,3-cd)pyrene	25.13	276	292335	9.714	ng		99
88) Benzo(b)fluoranthene	22.48	252	299252	9.562	ng		98
89) Benzo(k)fluoranthene	22.52	252	297243	9.776	ng		100
90) Benzo(a)pyrene	23.00	252	254244	9.147	ng		99
91) Dibenzo(a,h)anthracene	25.13	278	246499	9.811	ng		99
92) Benzo(g,h,i)perylene	25.74	276	243206	10.173	ng		99

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

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