Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026470.D
Acq On : 19 Jun 2020 17:14
Operator : JU/CG
Sample : L1161-08
Misc : LOO--W-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:25 PM

Quant Time: Jun 19 17:47:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 16:24:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	95577	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	420578	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	288765	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	651841	20.00	ng		0.00
76) Chrysene-d12	21.01	240	653924	20.00	ng		0.00
86) Perylene-d12	23.10	264	614533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	765159	141.54	ng		0.00
7) Phenol-d6	6.59	99	1138770	145.48	ng		0.00
23) Nitrobenzene-d5	8.53	82	870811	101.66	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	585314	167.33	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	1922657	101.07	ng		0.00
79) Terphenyl-d14	19.46	244	3405835	101.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	25060	10.282	ng		97
3) Pyridine	3.40	79	56605	7.907	ng		93
4) n-Nitrosodimethylamine	3.32	42	33647	9.493	ng		83
6) Aniline	6.73	93	93879	9.143	ng		93
8) 2-Chlorophenol	6.96	128	57982	9.299	ng		97
9) Benzaldehyde	6.55	77	55444	11.108	ng		96
10) Phenol	6.62	94	76682	9.198	ng		95
11) bis(2-Chloroethyl)ether	6.84	93	60965	9.079	ng		95
12) 1,3-Dichlorobenzene	7.27	146	64227	9.304	ng		100
13) 1,4-Dichlorobenzene	7.42	146	64762	9.210	ng		97
14) 1,2-Dichlorobenzene	7.73	146	62046	9.033	ng		99
15) Benzyl Alcohol	7.64	79	57043	8.581	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.93	45	121501	9.689	ng		99
17) 2-Methylphenol	7.85	107	50603	8.305	ng		97
18) Hexachloroethane	8.44	117	23510	8.828	ng		98
19) n-Nitroso-di-n-propylamine	8.20	70	60167	9.864	ng		92
20) 3+4-Methylphenols	8.17	107	67120	8.082	ng		97
22) Acetophenone	8.21	105	103828	9.601	ng	#	94
24) Nitrobenzene	8.57	77	88037	9.818	ng		97
25) Isophorone	9.10	82	155790	9.681	ng		99
26) 2-Nitrophenol	9.28	139	29789	8.394	ng	#	82
27) 2,4-Dimethylphenol	9.36	122	44465	7.937	ng		97
28) bis(2-Chloroethoxy)methane	9.59	93	88446	9.687	ng		98
29) 2,4-Dichlorophenol	9.82	162	52926	8.610	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	64080	9.507	ng		96
31) Naphthalene	10.19	128	199421	9.409	ng		99
32) Benzoic acid	9.47	122	18989m	4.562	ng		
33) 4-Chloroaniline	10.33	127	78951	8.541	ng		98
34) Hexachlorobutadiene	10.49	225	40155	9.437	ng		97
35) Caprolactam	11.10	113	21398	9.909	ng		91
36) 4-Chloro-3-methylphenol	11.46	107	69185	9.237	ng		97
37) 2-Methylnaphthalene	11.82	142	147780	9.785	ng		94
38) 1-Methylnaphthalene	12.05	142	144804	10.121	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	81047	9.860	ng		99

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Quant Time: Jun 19 17:47:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 16:24:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	35505	7.330	ng		99
43) 2,4,6-Trichlorophenol	12.46	196	47210	8.485	ng		97
44) 2,4,5-Trichlorophenol	12.54	196	52402	8.114	ng		97
46) 1,1'-Biphenyl	12.87	154	207599	10.254	ng		99
47) 2-Chloronaphthalene	12.90	162	151092	9.188	ng		98
48) 2-Nitroaniline	13.12	65	53256	8.172	ng		92
49) Acenaphthylene	13.76	152	247296	9.403	ng		99
50) Dimethylphthalate	13.52	163	202211	9.574	ng		99
51) 2,6-Dinitrotoluene	13.63	165	43202	9.321	ng		92
52) Acenaphthene	14.11	154	148343	9.395	ng		99
53) 3-Nitroaniline	13.97	138	38634	7.486	ng		99
54) 2,4-Dinitrophenol	14.19	184	34660	12.305	ng	#	88
55) Dibenzofuran	14.45	168	243903	9.587	ng		99
56) 4-Nitrophenol	14.30	139	26218	6.406	ng		93
57) 2,4-Dinitrotoluene	14.43	165	58528	9.082	ng		91
58) Fluorene	15.10	166	195963	9.483	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.69	232	49179	8.903	ng		97
60) Diethylphthalate	14.90	149	208397	9.687	ng		99
61) 4-Chlorophenyl-phenylether	15.11	204	103632	9.455	ng		99
62) 4-Nitroaniline	15.14	138	36637	6.657	ng		93
63) Azobenzene	15.40	77	227150	9.650	ng		98
65) 4,6-Dinitro-2-methylphenol	15.21	198	27962	7.054	ng		89
66) n-Nitrosodiphenylamine	15.33	169	174797	9.257	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	63147	8.800	ng		97
68) Hexachlorobenzene	16.12	284	70540	9.421	ng		97
69) Atrazine	16.29	200	60687	10.757	ng		98
70) Pentachlorophenol	16.47	266	29799	6.609	ng		97
71) Phenanthrene	16.84	178	325020	9.575	ng		98
72) Anthracene	16.93	178	315288	9.307	ng		100
73) Carbazole	17.21	167	280551	8.733	ng		99
74) Di-n-butylphthalate	17.80	149	348109	9.188	ng		99
75) Fluoranthene	18.87	202	380933	9.788	ng		99
77) Benzidine	19.07	184	120825	8.895	ng		98
78) Pyrene	19.23	202	396247	9.171	ng		99
80) Butylbenzylphthalate	20.17	149	156845	8.977	ng		96
81) Benzo(a)anthracene	21.00	228	393546	10.026	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	136761	11.262	ng		98
83) Chrysene	21.05	228	380247	10.166	ng		99
84) Bis(2-ethylhexyl)phthalate	20.96	149	241913	9.710	ng		99
85) Di-n-octyl phthalate	21.81	149	381774	9.934	ng		97
87) Indeno(1,2,3-cd)pyrene	25.13	276	320307	9.010	ng		99
88) Benzo(b)fluoranthene	22.49	252	359256	9.718	ng		99
89) Benzo(k)fluoranthene	22.53	252	344988	9.606	ng		99
90) Benzo(a)pyrene	23.01	252	300530	9.153	ng		100
91) Dibenzo(a,h)anthracene	25.14	278	271073	9.134	ng		99
92) Benzo(g,h,i)perylene	25.75	276	260870	9.237	ng		99

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

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