Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115851.D
Acq On : 30 Jul 2019 19:28
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:59 PM

Quant Time: Jul 31 15:43:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135413	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	545003	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	289862	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	504470	20.00	ng		0.00
76) Chrysene-d12	14.02	240	398098	20.00	ng		0.00
87) Perylene-d12	15.49	264	388546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	957701	118.40	ng		0.00
7) Phenol-d6	6.49	99	1195415	117.13	ng		0.00
23) Nitrobenzene-d5	7.42	82	763431	80.86	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	332623	118.36	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1289628	83.34	ng		0.00
79) Terphenyl-d14	12.96	244	1418797	75.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	42473	10.394	ng		99
3) Pyridine	3.41	79	88842	7.783	ng		99
4) n-Nitrosodimethylamine	3.30	42	42492	9.433	ng		95
6) Aniline	6.52	93	149668	10.240	ng		99
8) 2-Chlorophenol	6.64	128	93814	10.488	ng		97
9) Benzaldehyde	6.40	77	80587	11.444	ng		99
10) Phenol	6.49	94	126909	10.560	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	88639	10.032	ng		98
12) 1,3-Dichlorobenzene	6.79	146	104498	10.109	ng		97
13) 1,4-Dichlorobenzene	6.87	146	107000	10.338	ng		98
14) 1,2-Dichlorobenzene	7.02	146	98601	10.346	ng		99
15) Benzyl Alcohol	6.99	79	85445	11.032	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	119195	9.890	ng		99
17) 2-Methylphenol	7.10	107	78460	10.359	ng		97
18) Hexachloroethane	7.36	117	37076	9.729	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	66630	10.536	ng		97
20) 3+4-Methylphenols	7.26	107	102586	11.446	ng	#	55
22) Acetophenone	7.26	105	134528	11.255	ng		97
24) Nitrobenzene	7.43	77	107837	10.578	ng		98
25) Isophorone	7.66	82	182913	10.131	ng		96
26) 2-Nitrophenol	7.75	139	46326	9.640	ng		95
27) 2,4-Dimethylphenol	7.78	122	78877	10.910	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	111787	9.990	ng		99
29) 2,4-Dichlorophenol	7.99	162	78014	10.219	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	86554	9.946	ng		98
31) Naphthalene	8.15	128	284076	11.077	ng		98
32) Benzoic acid	7.87	122	30160m	5.917	ng		
33) 4-Chloroaniline	8.20	127	115729	10.099	ng		97
34) Hexachlorobutadiene	8.27	225	49101	9.796	ng		98
35) Caprolactam	8.55	113	24276	9.832	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	82564	10.396	ng		95
37) 2-Methylnaphthalene	8.85	142	186701	11.054	ng		99
38) 1-Methylnaphthalene	8.95	142	176278	11.032	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	82830	10.689	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	18592	6.138	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	49530	9.286	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	54936	9.964	ng		97
46) 1,1'-Biphenyl	9.31	154	230947	11.285	ng		98
47) 2-Chloronaphthalene	9.34	162	175029	10.276	ng		99
48) 2-Nitroaniline	9.43	65	52218	9.275	ng		84
49) Acenaphthylene	9.75	152	276697	11.135	ng		98
50) Dimethylphthalate	9.60	163	192607	9.759	ng		99
51) 2,6-Dinitrotoluene	9.67	165	41330	9.636	ng	#	86
52) Acenaphthene	9.92	154	164824	10.812	ng		100
53) 3-Nitroaniline	9.84	138	48645	9.179	ng		94
54) 2,4-Dinitrophenol	9.96	184	8924	4.900	ng		92
55) Dibenzofuran	10.10	168	248332	11.202	ng		100
56) 4-Nitrophenol	10.00	139	26523	7.812	ng		93
57) 2,4-Dinitrotoluene	10.07	165	54566	9.555	ng		90
58) Fluorene	10.44	166	194418	11.399	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	44157	9.519	ng		99
60) Diethylphthalate	10.31	149	184134	9.993	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	91553	10.599	ng		95
62) 4-Nitroaniline	10.45	138	50805	9.276	ng		99
63) Azobenzene	10.59	77	200775	10.593	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	19626	7.341	ng		95
66) n-Nitrosodiphenylamine	10.55	169	165183	10.879	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	54151	10.027	ng		96
68) Hexachlorobenzene	10.99	284	61132	9.790	ng		99
69) Atrazine	11.07	200	48697	9.749	ng		98
70) Pentachlorophenol	11.19	266	21056	6.945	ng		94
71) Phenanthrene	11.40	178	288093	11.171	ng		98
72) Anthracene	11.45	178	290921	11.146	ng		99
73) Carbazole	11.61	167	259678	10.966	ng		98
74) Di-n-butylphthalate	11.94	149	274030	9.920	ng		98
75) Fluoranthene	12.59	202	293753	10.880	ng		99
77) Benzidine	12.71	184	142525	10.597	ng		99
78) Pyrene	12.82	202	306136	10.201	ng		98
80) Butylbenzylphthalate	13.43	149	106870	8.419	ng		98
81) Benzo(a)anthracene	14.01	228	254670	10.009	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	92160	10.425	ng		98
83) Chrysene	14.04	228	251001	10.161	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	145597	8.826	ng		99
85) Di-n-octyl phthalate	14.60	149	225857	8.620	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	190142	9.164	ng		100
88) Benzo(b)fluoranthene	15.06	252	214771	9.560	ng		99
89) Benzo(k)fluoranthene	15.09	252	226985	10.373	ng		98
90) Benzo(a)pyrene	15.42	252	198137	9.866	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	157644	9.068	ng		98
92) Benzo(g,h,i)perylene	17.40	276	155691	9.119	ng		97

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

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