Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
Data File : BP000033.D
Acq On : 31 Aug 2019 09:35
Operator : HP/JU
Sample : MDL-S-05
Misc : 4PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL-S-05

Quant Time: Aug 31 14:54:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 14:51:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	427560	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1690302	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	947799	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1757176	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1486427	20.00	ng		-0.01
87) Perylene-d12	15.63	264	1527964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2706284	100.93	ng		0.00
7) Phenol-d6	6.51	99	3322135	98.15	ng		0.00
23) Nitrobenzene-d5	7.45	82	1869691	67.87	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	860002	107.65	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3886374	68.48	ng		0.00
79) Terphenyl-d14	13.04	244	4625436	67.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	50498	4.094	ng		98
3) Pyridine	3.48	79	112309	3.380	ng		99
4) n-Nitrosodimethylamine	3.38	42	36069	3.362	ng	#	98
6) Aniline	6.55	93	193060	3.941	ng		99
8) 2-Chlorophenol	6.67	128	118054	4.258	ng		96
9) Benzaldehyde	6.44	77	105734	5.066	ng		97
10) Phenol	6.52	94	149949	3.987	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	119826	4.033	ng		98
12) 1,3-Dichlorobenzene	6.83	146	134168	4.149	ng		98
13) 1,4-Dichlorobenzene	6.91	146	136223	4.230	ng		99
14) 1,2-Dichlorobenzene	7.06	146	127662	4.315	ng		98
15) Benzyl Alcohol	7.02	79	92031	3.708	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	125217	3.920	ng		99
17) 2-Methylphenol	7.13	107	97277	4.085	ng		98
18) Hexachloroethane	7.41	117	45536	3.813	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	77667	4.032	ng		95
20) 3+4-Methylphenols	7.28	107	122707	4.132	ng		99
22) Acetophenone	7.29	105	189464	4.680	ng		98
24) Nitrobenzene	7.46	77	125199	4.195	ng		99
25) Isophorone	7.70	82	227075	3.901	ng		99
26) 2-Nitrophenol	7.79	139	32384	2.786	ng		99
27) 2,4-Dimethylphenol	7.82	122	101909	4.345	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	151053	3.991	ng		99
29) 2,4-Dichlorophenol	8.02	162	91266	3.785	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	114145	4.152	ng		98
31) Naphthalene	8.20	128	368385	4.750	ng		98
32) Benzoic acid	7.85	122	24706	1.716	ng		93
33) 4-Chloroaniline	8.24	127	146898	4.016	ng		96
34) Hexachlorobutadiene	8.32	225	63039	4.070	ng		99
35) Caprolactam	8.55	113	27101	3.160	ng		99
36) 4-Chloro-3-methylphenol	8.71	107	98678	3.750	ng		94
37) 2-Methylnaphthalene	8.89	142	247568	4.568	ng		98
38) 1-Methylnaphthalene	8.99	142	233640	4.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	120403	4.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	53752	3.639	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	59141	3.197	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	69218	3.576	ng		95
46) 1,1'-Biphenyl	9.36	154	327633	4.897	ng		97
47) 2-Chloronaphthalene	9.38	162	233765	4.209	ng		97
48) 2-Nitroaniline	9.46	65	34785	2.319	ng		97
49) Acenaphthylene	9.80	152	367579	4.460	ng		97
50) Dimethylphthalate	9.65	163	270551	4.189	ng		100
51) 2,6-Dinitrotoluene	9.70	165	42145	3.074	ng		91
52) Acenaphthene	9.97	154	220686	4.267	ng		100
53) 3-Nitroaniline	9.87	138	47076	2.874	ng	#	96
54) 2,4-Dinitrophenol	9.97	184	8845	2.043	ng	#	1
55) Dibenzofuran	10.14	168	346640	4.720	ng		99
56) 4-Nitrophenol	10.02	139	30999	2.648	ng		97
57) 2,4-Dinitrotoluene	10.11	165	47020	2.687	ng		89
58) Fluorene	10.49	166	271479	4.912	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	52389	3.575	ng		97
60) Diethylphthalate	10.36	149	266168	4.117	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	131292	4.570	ng		97
62) 4-Nitroaniline	10.48	138	49395	3.162	ng		95
63) Azobenzene	10.64	77	258242	4.171	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	14757	2.366	ng		98
66) n-Nitrosodiphenylamine	10.59	169	235265	4.507	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	71337	3.995	ng		99
68) Hexachlorobenzene	11.05	284	80265	4.125	ng		100
69) Atrazine	11.12	200	59691	3.930	ng		97
70) Pentachlorophenol	11.23	266	32030	3.038	ng		94
71) Phenanthrene	11.46	178	405083	4.625	ng		97
72) Anthracene	11.51	178	398335	4.604	ng		96
73) Carbazole	11.66	167	364173	4.459	ng		98
74) Di-n-butylphthalate	12.00	149	368513	3.722	ng		98
75) Fluoranthene	12.66	202	411685	4.326	ng		94
77) Benzidine	12.77	184	152472	2.973	ng		96
78) Pyrene	12.89	202	450155	4.117	ng		96
80) Butylbenzylphthalate	13.52	149	94696	1.944	ng		97
81) Benzo(a)anthracene	14.09	228	391584	4.065	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	108498	3.053	ng		99
83) Chrysene	14.13	228	387395	4.252	ng		96
84) Bis(2-ethylhexyl)phthalate	14.09	149	182185	2.873	ng		99
85) Di-n-octyl phthalate	14.72	149	241974	2.166	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	342148	2.997	ng		97
88) Benzo(b)fluoranthene	15.17	252	346515	3.713	ng		98
89) Benzo(k)fluoranthene	15.20	252	355037	4.157	ng		98
90) Benzo(a)pyrene	15.56	252	314126	3.728	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	293386	3.482	ng		98
92) Benzo(g,h,i)perylene	17.62	276	290220	3.480	ng		97

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

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