Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000024.D
Acq On : 31 Aug 2019 01:42
Operator : HP/JU
Sample : MDL-W-02
Misc : 4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-W-02

Manual Integrations APPROVED
mohammad
9/4/2019 1:47:18 PM

Quant Time: Aug 31 07:41:05 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 07:36:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	558369	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	2132863	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	1126699	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1901350	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1539139	20.00	ng		-0.01
87) Perylene-d12	15.63	264	1640394	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3427701	97.89	ng		0.00
7) Phenol-d6	6.52	99	4158682	94.08	ng		0.00
23) Nitrobenzene-d5	7.45	82	2331348	67.07	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	950711	100.11	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4493942	66.61	ng		0.00
79) Terphenyl-d14	13.04	244	4589915	65.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	62152	3.859	ng		99
3) Pyridine	3.50	79	144420	3.328	ng		98
4) n-Nitrosodimethylamine	3.39	42	46663	3.330	ng	#	92
6) Aniline	6.55	93	238972	3.735	ng		98
8) 2-Chlorophenol	6.68	128	144477	3.990	ng		99
9) Benzaldehyde	6.44	77	132796	4.872	ng		98
10) Phenol	6.53	94	185933	3.786	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	147742	3.808	ng		97
12) 1,3-Dichlorobenzene	6.84	146	164102	3.886	ng		99
13) 1,4-Dichlorobenzene	6.91	146	166449	3.958	ng		98
14) 1,2-Dichlorobenzene	7.07	146	157050	4.065	ng		98
15) Benzyl Alcohol	7.02	79	110347	3.405	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	154723	3.709	ng		100
17) 2-Methylphenol	7.13	107	119153	3.832	ng		98
18) Hexachloroethane	7.41	117	57172	3.666	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	93345	3.710	ng		93
20) 3+4-Methylphenols	7.28	107	154218	3.977	ng		98
22) Acetophenone	7.29	105	226888	4.441	ng		99
24) Nitrobenzene	7.47	77	154285	4.097	ng		94
25) Isophorone	7.70	82	273628	3.726	ng		100
26) 2-Nitrophenol	7.79	139	38025	2.593	ng		96
27) 2,4-Dimethylphenol	7.82	122	122116	4.127	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	180602	3.782	ng		99
29) 2,4-Dichlorophenol	8.02	162	113744	3.738	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	135661	3.911	ng		99
31) Naphthalene	8.20	128	441121	4.508	ng		99
32) Benzoic acid	7.85	122	29394	1.618	ng		99
33) 4-Chloroaniline	8.24	127	173653	3.763	ng		96
34) Hexachlorobutadiene	8.32	225	76770	3.928	ng		98
35) Caprolactam	8.55	113	30824	2.848	ng		97
36) 4-Chloro-3-methylphenol	8.71	107	116212	3.500	ng		93
37) 2-Methylnaphthalene	8.89	142	288855	4.224	ng		98
38) 1-Methylnaphthalene	8.99	142	273819	4.250	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	142781	4.477	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	62867	3.580	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	69889	3.178	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	79721	3.465	ng		94
46) 1,1'-Biphenyl	9.36	154	380559	4.784	ng		98
47) 2-Chloronaphthalene	9.38	162	267028	4.044	ng		98
48) 2-Nitroaniline	9.46	65	38627	2.166	ng		97
49) Acenaphthylene	9.80	152	414474	4.231	ng		97
50) Dimethylphthalate	9.65	163	289830	3.775	ng		100
51) 2,6-Dinitrotoluene	9.70	165	43996	2.700	ng	#	83
52) Acenaphthene	9.97	154	248855	4.048	ng		100
53) 3-Nitroaniline	9.87	138	50483	2.593	ng	#	85
54) 2,4-Dinitrophenol	9.97	184	9189	1.786	ng	#	1
55) Dibenzofuran	10.15	168	376129	4.309	ng		97
56) 4-Nitrophenol	10.02	139	30994	2.227	ng		94
57) 2,4-Dinitrotoluene	10.11	165	47372	2.277	ng		91
58) Fluorene	10.49	166	289213	4.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	58884m	3.380	ng		
60) Diethylphthalate	10.36	149	275801	3.589	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	142911	4.185	ng		97
62) 4-Nitroaniline	10.48	138	48563	2.615	ng		94
63) Azobenzene	10.64	77	275622	3.745	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	14023	2.077	ng		94
66) n-Nitrosodiphenylamine	10.59	169	245334	4.343	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	76494	3.959	ng		98
68) Hexachlorobenzene	11.05	284	81927	3.891	ng		96
69) Atrazine	11.12	200	60368	3.673	ng		98
70) Pentachlorophenol	11.23	266	31916	2.798	ng		98
71) Phenanthrene	11.46	178	417630	4.407	ng		96
72) Anthracene	11.51	178	401965	4.294	ng		97
73) Carbazole	11.66	167	370508	4.193	ng		97
74) Di-n-butylphthalate	12.00	149	357036	3.332	ng		98
75) Fluoranthene	12.66	202	415821	4.038	ng		94
77) Benzidine	12.77	184	155364	2.926	ng		96
78) Pyrene	12.89	202	443041	3.913	ng		95
80) Butylbenzylphthalate	13.52	149	92484	1.833	ng	#	94
81) Benzo(a)anthracene	14.09	228	385450	3.865	ng		97
82) 3,3'-Dichlorobenzidine	14.05	252	110111	2.993	ng		98
83) Chrysene	14.13	228	382959	4.059	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	173471	2.642	ng	#	96
85) Di-n-octyl phthalate	14.72	149	229051	1.980	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	346607	2.932	ng		98
88) Benzo(b)fluoranthene	15.17	252	337196	3.365	ng		98
89) Benzo(k)fluoranthene	15.20	252	353522	3.856	ng		98
90) Benzo(a)pyrene	15.56	252	315936	3.493	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	295745	3.270	ng		97
92) Benzo(g,h,i)perylene	17.63	276	289000	3.228	ng		98

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

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