Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000016.D
Acq On : 30 Aug 2019 20:24
Operator : HP/JU
Sample : MDL-S-01
Misc : 4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
mohammad
9/4/2019 1:47:13 PM

Quant Time: Aug 31 01:25:21 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 01:09:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	429625	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1663561	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	908324	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1667616	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1364599	20.00	ng		0.00
87) Perylene-d12	15.63	264	1425337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2526139	93.76	ng		0.00
7) Phenol-d6	6.51	99	3135467	92.19	ng		0.00
23) Nitrobenzene-d5	7.45	82	1753770	64.69	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	745963	97.43	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3525009	64.81	ng		0.00
79) Terphenyl-d14	13.04	244	4085054	65.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	48900	3.946	ng		97
3) Pyridine	3.49	79	107194	3.211	ng		95
4) n-Nitrosodimethylamine	3.38	42	36310	3.368	ng	#	97
6) Aniline	6.55	93	186896	3.797	ng		99
8) 2-Chlorophenol	6.68	128	114644	4.115	ng		94
9) Benzaldehyde	6.44	77	104443	4.980	ng		96
10) Phenol	6.52	94	146218	3.869	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	116450	3.901	ng		100
12) 1,3-Dichlorobenzene	6.84	146	128218	3.946	ng		98
13) 1,4-Dichlorobenzene	6.91	146	128558	3.973	ng		98
14) 1,2-Dichlorobenzene	7.07	146	122256	4.112	ng		96
15) Benzyl Alcohol	7.02	79	89449	3.587	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	122674	3.821	ng		99
17) 2-Methylphenol	7.13	107	92450	3.864	ng		98
18) Hexachloroethane	7.41	117	43856	3.654	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	75268	3.888	ng		95
20) 3+4-Methylphenols	7.28	107	119416	4.002	ng		98
22) Acetophenone	7.29	105	179922	4.515	ng		99
24) Nitrobenzene	7.46	77	119514	4.069	ng		99
25) Isophorone	7.70	82	216351	3.777	ng		99
26) 2-Nitrophenol	7.79	139	31513	2.755	ng		94
27) 2,4-Dimethylphenol	7.82	122	100354	4.348	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	141589	3.801	ng		98
29) 2,4-Dichlorophenol	8.02	162	88022	3.709	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	106487	3.936	ng		98
31) Naphthalene	8.20	128	345872	4.532	ng		99
32) Benzoic acid	7.85	122	25682	1.812	ng		93
33) 4-Chloroaniline	8.24	127	139265	3.869	ng		96
34) Hexachlorobutadiene	8.32	225	58169	3.816	ng		97
35) Caprolactam	8.55	113	26038	3.085	ng		93
36) 4-Chloro-3-methylphenol	8.71	107	96395	3.722	ng		97
37) 2-Methylnaphthalene	8.89	142	230293	4.317	ng		97
38) 1-Methylnaphthalene	8.99	142	215511	4.288	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	110615	4.302	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	50793	3.588	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	55695	3.141	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	65338	3.522	ng		95
46) 1,1'-Biphenyl	9.36	154	299150	4.665	ng		98
47) 2-Chloronaphthalene	9.38	162	213768	4.016	ng		97
48) 2-Nitroaniline	9.46	65	33063	2.300	ng		98
49) Acenaphthylene	9.80	152	341148	4.319	ng		97
50) Dimethylphthalate	9.65	163	243211	3.929	ng		99
51) 2,6-Dinitrotoluene	9.70	165	37340	2.842	ng	#	82
52) Acenaphthene	9.97	154	202461	4.085	ng		99
53) 3-Nitroaniline	9.87	138	41678	2.655	ng	#	91
54) 2,4-Dinitrophenol	9.98	184	8032	1.936	ng	#	1
55) Dibenzofuran	10.15	168	310835	4.417	ng		98
56) 4-Nitrophenol	10.02	139	27457	2.447	ng		96
57) 2,4-Dinitrotoluene	10.11	165	38641	2.304	ng		98
58) Fluorene	10.49	166	243540	4.598	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	48692m	3.467	ng		
60) Diethylphthalate	10.36	149	239650	3.868	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	116867	4.245	ng		98
62) 4-Nitroaniline	10.48	138	44111	2.946	ng		88
63) Azobenzene	10.65	77	239805	4.042	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	13143	2.220	ng		97
66) n-Nitrosodiphenylamine	10.59	169	210606	4.251	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	64134	3.784	ng		93
68) Hexachlorobenzene	11.05	284	69505	3.764	ng		95
69) Atrazine	11.12	200	53953	3.743	ng		95
70) Pentachlorophenol	11.23	266	28159	2.814	ng		98
71) Phenanthrene	11.46	178	367744	4.424	ng		96
72) Anthracene	11.51	178	361583	4.404	ng		96
73) Carbazole	11.66	167	335050	4.323	ng		97
74) Di-n-butylphthalate	12.00	149	336468	3.580	ng		98
75) Fluoranthene	12.66	202	382076	4.230	ng		95
77) Benzidine	12.77	184	149837	3.182	ng		98
78) Pyrene	12.89	202	401382	3.998	ng		96
80) Butylbenzylphthalate	13.52	149	93063	2.081	ng		96
81) Benzo(a)anthracene	14.09	228	347159	3.926	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	103571	3.175	ng		99
83) Chrysene	14.13	228	335486	4.011	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	168424	2.893	ng	#	97
85) Di-n-octyl phthalate	14.72	149	232840	2.270	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	314200	2.998	ng		98
88) Benzo(b)fluoranthene	15.17	252	304364	3.496	ng		99
89) Benzo(k)fluoranthene	15.20	252	321780	4.039	ng		99
90) Benzo(a)pyrene	15.56	252	286978	3.652	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	266274	3.388	ng		99
92) Benzo(g,h,i)perylene	17.63	276	261098	3.356	ng		96

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

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