Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018308.D
Acq On : 19 Dec 2018 22:12
Operator : JU/SJ
Sample : J6378-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:10 PM

Quant Time: Dec 20 02:02:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	101731	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	374715	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	185824	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	371838	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	440370	20.00	ng		-0.01
87) Perylene-d12	23.29	264	509951	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	843702	138.54	ng		0.00
7) Phenol-d6	6.69	99	1101288	130.11	ng		-0.01
23) Nitrobenzene-d5	8.65	82	708525	96.99	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	323834	118.73	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1080756	75.33	ng		-0.02
79) Terphenyl-d14	19.56	244	1235654	63.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	93455	38.739	ng		98
3) Pyridine	3.50	79	272674	38.421	ng		98
4) n-Nitrosodimethylamine	3.42	42	121062	49.559	ng	#	97
6) Aniline	6.83	93	238376	22.449	ng		98
8) 2-Chlorophenol	7.06	128	292795	40.693	ng		95
9) Benzaldehyde	6.65	77	99908	19.364	ng		92
10) Phenol	6.72	94	428655	47.818	ng		99
11) bis(2-Chloroethyl)ether	6.93	93	282341	39.630	ng		99
12) 1,3-Dichlorobenzene	7.37	146	311768	38.802	ng		99
13) 1,4-Dichlorobenzene	7.52	146	318023	38.978	ng		99
14) 1,2-Dichlorobenzene	7.83	146	303005	38.524	ng		99
15) Benzyl Alcohol	7.74	79	270676	39.245	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.00	45	230203	35.906	ng		93
17) 2-Methylphenol	7.94	107	238145	39.786	ng		95
18) Hexachloroethane	8.53	117	120309	40.230	ng		97
19) n-Nitroso-di-n-propylamine	8.29	70	234705	37.136	ng		96
20) 3+4-Methylphenols	8.27	107	311891	37.186	ng		97
22) Acetophenone	8.31	105	432012	43.566	ng	#	98
24) Nitrobenzene	8.69	77	340401	46.634	ng		97
25) Isophorone	9.20	82	575010	47.278	ng		98
26) 2-Nitrophenol	9.39	139	148691	41.532	ng		93
27) 2,4-Dimethylphenol	9.46	122	236980	45.928	ng		98
28) bis(2-Chloroethoxy)methane	9.69	93	347565	43.840	ng		99
29) 2,4-Dichlorophenol	9.92	162	239847	41.925	ng		97
30) 1,2,4-Trichlorobenzene	10.12	180	271803	41.769	ng		93
31) Naphthalene	10.30	128	813413	44.394	ng		99
32) Benzoic acid	9.59	122	58333m	11.939	ng		
33) 4-Chloroaniline	10.44	127	108447	13.512	ng		97
34) Hexachlorobutadiene	10.57	225	165714	40.265	ng		97
35) Caprolactam	11.23	113	70409m	32.299	ng		
36) 4-Chloro-3-methylphenol	11.57	107	262199	38.143	ng		99
37) 2-Methylnaphthalene	11.92	142	558405	43.215	ng		98
38) 1-Methylnaphthalene	12.15	142	526385	41.748	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	280512	43.898	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	232167	82.668	ng		99
43) 2,4,6-Trichlorophenol	12.56	196	180703	43.968	ng		99
44) 2,4,5-Trichlorophenol	12.64	196	188076	43.105	ng		96
46) 1,1'-Biphenyl	12.96	154	677728	40.540	ng		100
47) 2-Chloronaphthalene	13.00	162	529378	43.024	ng		99
48) 2-Nitroaniline	13.23	65	166622	43.960	ng		90
49) Acenaphthylene	13.86	152	823784	44.427	ng		98
50) Dimethylphthalate	13.62	163	694000	44.923	ng		100
51) 2,6-Dinitrotoluene	13.75	165	136981	40.334	ng		90
52) Acenaphthene	14.21	154	468582	41.351	ng		99
53) 3-Nitroaniline	14.08	138	99534	27.850	ng		87
54) 2,4-Dinitrophenol	14.30	184	121085	64.633	ng		93
55) Dibenzofuran	14.54	168	744549	40.891	ng		97
56) 4-Nitrophenol	14.42	139	202290	74.654	ng		86
57) 2,4-Dinitrotoluene	14.55	165	186426	39.713	ng	#	90
58) Fluorene	15.20	166	591468	42.058	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	163133	41.515	ng	#	97
60) Diethylphthalate	14.99	149	626770	37.594	ng		97
61) 4-Chlorophenyl-phenylether	15.20	204	304512	38.287	ng		98
62) 4-Nitroaniline	15.26	138	117631	34.687	ng		87
63) Azobenzene	15.50	77	639538	42.070	ng		97
65) 4,6-Dinitro-2-methylphenol	15.32	198	92158	33.667	ng		92
66) n-Nitrosodiphenylamine	15.43	169	515439	41.919	ng		100
67) 4-Bromophenyl-phenylether	16.10	248	177801	39.482	ng		100
68) Hexachlorobenzene	16.21	284	193142	39.149	ng		98
69) Atrazine	16.40	200	183933	44.310	ng		98
70) Pentachlorophenol	16.56	266	234817	72.069	ng		98
71) Phenanthrene	16.95	178	872472	43.197	ng		100
72) Anthracene	17.04	178	867589	43.299	ng		99
73) Carbazole	17.33	167	795204	38.665	ng		100
74) Di-n-butylphthalate	17.89	149	981811	38.691	ng		100
75) Fluoranthene	18.98	202	1032381	43.964	ng		99
77) Benzidine	19.19	184	247944	22.203	ng		99
78) Pyrene	19.34	202	1050185	40.023	ng		100
80) Butylbenzylphthalate	20.27	149	472573	37.858	ng		95
81) Benzo(a)anthracene	21.12	228	1140107	44.320	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	325303	31.653	ng		98
83) Chrysene	21.17	228	1063609	42.986	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	703025	37.789	ng		99
85) Di-n-octyl phthalate	21.92	149	1287098	42.244	ng		99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1543325	62.617	ng		98
88) Benzo(b)fluoranthene	22.65	252	1252937	43.740	ng		99
89) Benzo(k)fluoranthene	22.69	252	1210992	42.450	ng		99
90) Benzo(a)pyrene	23.20	252	1217653	44.694	ng		99
91) Dibenzo(a,h)anthracene	25.43	278	1296168	51.360	ng		99
92) Benzo(g,h,i)perylene	26.07	276	1275060	53.448	ng		98

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

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