Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018287.D
Acq On : 19 Dec 2018 00:48
Operator : JU/SJ
Sample : J6389-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MSD

Manual Integrations APPROVED
Sohil
12/19/2018 4:18:18 PM

Quant Time: Dec 19 04:00:08 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	7.49	152	124371	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	436851	20.00	ng		-0.02
39) Acenaphthene-d10	14.15	164	197906	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	372535	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	466712	20.00	ng		-0.02
87) Perylene-d12	23.29	264	529374	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	758979	101.94	ng		0.00
7) Phenol-d6	6.69	99	975721	94.29	ng		-0.01
23) Nitrobenzene-d5	8.65	82	629215	73.88	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	246528	84.87	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1040598	68.10	ng		-0.02
79) Terphenyl-d14	19.56	244	1215513	58.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	92909	31.502	ng		98
3) Pyridine	3.50	79	258268	29.767	ng		97
4) n-Nitrosodimethylamine	3.43	42	118341	39.626	ng	#	100
6) Aniline	6.84	93	213941	16.480	ng		99
8) 2-Chlorophenol	7.06	128	292324	33.232	ng		99
9) Benzaldehyde	6.66	77	94186	14.932	ng		96
10) Phenol	6.72	94	410810	37.485	ng		95
11) bis(2-Chloroethyl)ether	6.94	93	277452	31.854	ng		98
12) 1,3-Dichlorobenzene	7.37	146	314095	31.976	ng		99
13) 1,4-Dichlorobenzene	7.52	146	315428	31.622	ng		97
14) 1,2-Dichlorobenzene	7.83	146	306166	31.840	ng		99
15) Benzyl Alcohol	7.75	79	258385	30.643	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	227870	29.072	ng		94
17) 2-Methylphenol	7.95	107	230227	31.462	ng		95
18) Hexachloroethane	8.53	117	118549	32.425	ng		97
19) n-Nitroso-di-n-propylamine	8.30	70	227440	29.436	ng		97
20) 3+4-Methylphenols	8.27	107	298501	29.111	ng		98
22) Acetophenone	8.31	105	420806	36.400	ng	#	99
24) Nitrobenzene	8.69	77	333457	39.185	ng		97
25) Isophorone	9.20	82	556001	39.212	ng		98
26) 2-Nitrophenol	9.39	139	145617	34.888	ng		93
27) 2,4-Dimethylphenol	9.46	122	230437	38.308	ng		97
28) bis(2-Chloroethoxy)methane	9.69	93	333103	36.040	ng		96
29) 2,4-Dichlorophenol	9.92	162	225631	33.830	ng		100
30) 1,2,4-Trichlorobenzene	10.12	180	267261	35.229	ng		95
31) Naphthalene	10.30	128	792724	37.111	ng		100
32) Benzoic acid	9.62	122	133300m	23.402	ng		
33) 4-Chloroaniline	10.45	127	72342	7.731	ng		96
34) Hexachlorobutadiene	10.57	225	169229	35.271	ng		99
35) Caprolactam	11.24	113	60249	23.707	ng		97
36) 4-Chloro-3-methylphenol	11.58	107	233219	29.101	ng		99
37) 2-Methylnaphthalene	11.93	142	530653	35.226	ng		99
38) 1-Methylnaphthalene	12.15	142	498704	33.927	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	260902	38.337	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	201571	68.887	ng		99
43) 2,4,6-Trichlorophenol	12.56	196	164054	37.480	ng		98
44) 2,4,5-Trichlorophenol	12.65	196	162381	34.944	ng		99
46) 1,1'-Biphenyl	12.96	154	631338	35.460	ng		98
47) 2-Chloronaphthalene	13.00	162	486464	37.122	ng		97
48) 2-Nitroaniline	13.24	65	148059	36.678	ng		93
49) Acenaphthylene	13.86	152	741638	37.555	ng		100
50) Dimethylphthalate	13.62	163	653241	39.703	ng		99
51) 2,6-Dinitrotoluene	13.75	165	121971	33.722	ng		92
52) Acenaphthene	14.21	154	423131	35.061	ng		97
53) 3-Nitroaniline	14.09	138	70837	18.610	ng		97
54) 2,4-Dinitrophenol	14.30	184	61393	30.770	ng		94
55) Dibenzofuran	14.55	168	673241	34.717	ng		99
56) 4-Nitrophenol	14.42	139	165722	57.425	ng		86
57) 2,4-Dinitrotoluene	14.55	165	157265	31.456	ng	#	84
58) Fluorene	15.20	166	520566	34.757	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.79	232	137273	32.801	ng	#	97
60) Diethylphthalate	15.00	149	552919	31.140	ng		99
61) 4-Chlorophenyl-phenylether	15.20	204	269535	31.820	ng		99
62) 4-Nitroaniline	15.26	138	90986	25.192	ng		85
63) Azobenzene	15.50	77	557650	34.444	ng		96
65) 4,6-Dinitro-2-methylphenol	15.32	198	46214	16.851	ng		95
66) n-Nitrosodiphenylamine	15.43	169	437738	35.534	ng		99
67) 4-Bromophenyl-phenylether	16.10	248	155526	34.471	ng		98
68) Hexachlorobenzene	16.21	284	171687	34.735	ng		98
69) Atrazine	16.40	200	146621	35.255	ng		99
70) Pentachlorophenol	16.56	266	194512	59.587	ng		99
71) Phenanthrene	16.95	178	734145	36.280	ng		99
72) Anthracene	17.04	178	731757	36.452	ng		100
73) Carbazole	17.33	167	669036	32.470	ng		99
74) Di-n-butylphthalate	17.89	149	832434	32.743	ng		100
75) Fluoranthene	18.98	202	851374	36.188	ng		100
77) Benzidine	19.22	184	5057	0.427	ng	#	66
78) Pyrene	19.35	202	887604	31.918	ng		98
80) Butylbenzylphthalate	20.27	149	412807	31.203	ng		96
81) Benzo(a)anthracene	21.12	228	968892	35.539	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	169343	15.548	ng		96
83) Chrysene	21.17	228	936199	35.702	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	622393	31.566	ng		99
85) Di-n-octyl phthalate	21.92	149	1155481	35.783	ng		100
86) Indeno(1,2,3-cd)pyrene	25.42	276	1327262	50.811	ng		98
88) Benzo(b)fluoranthene	22.65	252	1076450	36.200	ng		99
89) Benzo(k)fluoranthene	22.69	252	1054502	35.608	ng		100
90) Benzo(a)pyrene	23.19	252	1046863	37.015	ng		99
91) Dibenzo(a,h)anthracene	25.43	278	1121298	42.800	ng		98
92) Benzo(g,h,i)perylene	26.07	276	1091063	44.057	ng		98

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

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