Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017292.D
Acq On : 23 Oct 2018 19:39
Operator : MJ/SJ
Sample : J5604-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Manual Integrations APPROVED

Quant Time: Oct 24 07:35:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Sohil

10/24/2018 10:57:29 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	273289	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1093142	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	672473	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1585858	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1780716	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1583849	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1752603	108.47	ng	0.00
7) Phenol-d6	6.85	99	2161233	98.21	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1580315	84.55	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1231033	135.36	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3828019	75.74	ng	-0.02
79) Terphenyl-d14	19.69	244	6611234	83.68	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	223946	27.142	ng	# 87
3) Pyridine	3.65	79	561617	29.582	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	310025	40.678	ng	# 74
6) Aniline	7.00	93	680909	24.737	ng	98
8) 2-Chlorophenol	7.23	128	872296	46.664	ng	98
9) Benzaldehyde	6.82	77	424105	30.225	ng	96
10) Phenol	6.88	94	922109	38.933	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	800753	42.412	ng	100
12) 1,3-Dichlorobenzene	7.55	146	905213	41.541	ng	97
13) 1,4-Dichlorobenzene	7.69	146	919581	41.305	ng	98
14) 1,2-Dichlorobenzene	8.00	146	885802	41.295	ng	98
15) Benzyl Alcohol	7.90	79	779644	48.468	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1063693	40.326	ng	99
17) 2-Methylphenol	8.11	107	717673	47.209	ng	98
18) Hexachloroethane	8.72	117	329184	43.205	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	661342	45.640	ng	98
20) 3+4-Methylphenols	8.43	107	983636	47.308	ng	99
22) Acetophenone	8.48	105	1582245	57.101	ng	# 99
24) Nitrobenzene	8.86	77	951622	48.133	ng	96
25) Isophorone	9.38	82	1825001	59.131	ng	99
26) 2-Nitrophenol	9.56	139	489093	52.281	ng	98
27) 2,4-Dimethylphenol	9.63	122	851784	62.414	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1118624	51.494	ng	100
29) 2,4-Dichlorophenol	10.09	162	870499	54.937	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	870251	45.782	ng	99
31) Naphthalene	10.49	128	2677394	49.979	ng	99
32) Benzoic acid	9.79	122	623465	61.227	ng	89
33) 4-Chloroaniline	10.60	127	261683	11.310	ng	98
34) Hexachlorobutadiene	10.76	225	524786	43.572	ng	99
35) Caprolactam	11.41	113	228796m	39.620	ng	
36) 4-Chloro-3-methylphenol	11.73	107	982251	54.994	ng	98
37) 2-Methylnaphthalene	12.10	142	2062672	56.267	ng	99
38) 1-Methylnaphthalene	12.32	142	1957725	54.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1043151	44.048	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1164160	101.684	ng		100
43) 2,4,6-Trichlorophenol	12.72	196	747766	54.393	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	813402	55.176	ng		99
46) 1,1'-Biphenyl	13.13	154	2636736	43.571	ng		100
47) 2-Chloronaphthalene	13.17	162	2055633	46.174	ng		100
48) 2-Nitroaniline	13.39	65	668732	52.556	ng		96
49) Acenaphthylene	14.02	152	3435832	53.243	ng		99
50) Dimethylphthalate	13.77	163	2752624	53.056	ng		100
51) 2,6-Dinitrotoluene	13.89	165	615956	53.942	ng		95
52) Acenaphthene	14.37	154	1994787	49.233	ng		98
53) 3-Nitroaniline	14.22	138	324273	26.220	ng		95
54) 2,4-Dinitrophenol	14.43	184	684785	99.938	ng		97
55) Dibenzofuran	14.70	168	3228970	47.923	ng		99
56) 4-Nitrophenol	14.55	139	1392207	120.951	ng		99
57) 2,4-Dinitrotoluene	14.68	165	883009	57.534	ng	#	99
58) Fluorene	15.36	166	2641695	52.969	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	782099	58.201	ng		99
60) Diethylphthalate	15.15	149	2892558	56.219	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1343769	47.263	ng		99
62) 4-Nitroaniline	15.39	138	678121	49.021	ng		99
63) Azobenzene	15.65	77	2548228	50.954	ng		100
65) 4,6-Dinitro-2-methylphenol	15.45	198	511679	49.918	ng		99
66) n-Nitrosodiphenylamine	15.57	169	2427905	50.603	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	886224	50.895	ng		98
68) Hexachlorobenzene	16.36	284	965206	47.719	ng		99
69) Atrazine	16.53	200	928337	54.060	ng		98
70) Pentachlorophenol	16.70	266	1243793	89.766	ng		99
71) Phenanthrene	17.10	178	4389047	51.297	ng		100
72) Anthracene	17.19	178	4482301	55.133	ng		99
73) Carbazole	17.46	167	4157613	50.063	ng		100
74) Di-n-butylphthalate	18.03	149	5079366	57.989	ng		99
75) Fluoranthene	19.12	202	5272960	54.767	ng		98
77) Benzidine	19.32	184	1220996	27.041	ng		98
78) Pyrene	19.48	202	5365613	53.912	ng		100
80) Butylbenzylphthalate	20.39	149	2454267	62.292	ng		94
81) Benzo(a)anthracene	21.23	228	5400318	53.891	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1211215	32.431	ng		99
83) Chrysene	21.29	228	5035044	50.764	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3569234	60.093	ng		99
85) Di-n-octyl phthalate	22.04	149	6005081	59.644	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4646799	41.886	ng		99
88) Benzo(b)fluoranthene	22.80	252	4990103	57.626	ng		99
89) Benzo(k)fluoranthene	22.84	252	4728142	54.414	ng		99
90) Benzo(a)pyrene	23.36	252	4509759	54.850	ng		100
91) Dibenzo(a,h)anthracene	25.69	278	3946975	48.346	ng		99
92) Benzo(g,h,i)perylene	26.35	276	3866289	47.782	ng		99

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

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