Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
Data File : BM024712.D
Acq On : 04 Feb 2020 18:31
Operator : CG/JU
Sample : L1016-19MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Manual Integrations APPROVED
mohammad
2/10/2020 8:10:09 AM

Quant Time: Feb 05 04:08:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	227726	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	833006	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	533938	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1137106	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1211495	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1510821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1689829	141.12	ng	-0.01
7) Phenol-d6	6.63	99	2063750	125.11	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1321278	77.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1214627	139.85	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3578208	91.11	ng	-0.02
79) Terphenyl-d14	19.49	244	6202062	95.57	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	174874	36.918	ng	# 52
3) Pyridine	3.45	79	460783	33.556	ng	94
4) n-Nitrosodimethylamine	3.35	42	210699	34.569	ng	82
6) Aniline	6.76	93	253175	12.608	ng	97
8) 2-Chlorophenol	7.00	128	663526	48.676	ng	93
9) Benzaldehyde	6.57	77	170690	17.512	ng	95
10) Phenol	6.65	94	811277	49.338	ng	94
11) bis(2-Chloroethyl)ether	6.86	93	549628	41.754	ng	95
12) 1,3-Dichlorobenzene	7.32	146	683099	40.791	ng	96
13) 1,4-Dichlorobenzene	7.46	146	697912	41.080	ng	97
14) 1,2-Dichlorobenzene	7.77	146	664751	40.536	ng	97
15) Benzyl Alcohol	7.67	79	553651	40.708	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	422622	35.070	ng	99
17) 2-Methylphenol	7.87	107	527201	45.498	ng	95
18) Hexachloroethane	8.48	117	239504	36.508	ng	96
19) n-Nitroso-di-n-propylamine	8.23	70	439360m	35.475	ng	
20) 3+4-Methylphenols	8.20	107	703624	43.867	ng	96
22) Acetophenone	8.23	105	897244	41.772	ng	97
24) Nitrobenzene	8.60	77	661760	40.655	ng	91
25) Isophorone	9.13	82	1218292	42.212	ng	97
26) 2-Nitrophenol	9.30	139	379188	50.309	ng	89
27) 2,4-Dimethylphenol	9.39	122	583331	56.953	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	735993	41.745	ng	98
29) 2,4-Dichlorophenol	9.84	162	697004	50.370	ng	97
30) 1,2,4-Trichlorobenzene	10.05	180	740938	44.397	ng	99
31) Naphthalene	10.23	128	1860943	44.231	ng	99
32) Benzoic acid	9.55	122	425814m	45.448	ng	
33) 4-Chloroaniline	10.35	127	82323	4.464	ng	95
34) Hexachlorobutadiene	10.53	225	474450	41.125	ng	99
35) Caprolactam	11.13	113	188903m	42.550	ng	
36) 4-Chloro-3-methylphenol	11.49	107	641430	43.593	ng	93
37) 2-Methylnaphthalene	11.85	142	1430597	44.061	ng	98
38) 1-Methylnaphthalene	12.08	142	1359797	44.028	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	877246	46.034	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1007298	94.304	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	606188	49.988	ng		99
44) 2,4,5-Trichlorophenol	12.56	196	645785	52.145	ng		96
46) 1,1'-Biphenyl	12.90	154	1873854	46.374	ng		99
47) 2-Chloronaphthalene	12.93	162	1517673	46.525	ng		97
48) 2-Nitroaniline	13.14	65	365734	36.760	ng		89
49) Acenaphthylene	13.79	152	2353964	48.204	ng		100
50) Dimethylphthalate	13.55	163	2179731	50.485	ng		99
51) 2,6-Dinitrotoluene	13.66	165	434869	47.374	ng	#	82
52) Acenaphthene	14.14	154	1384330	45.683	ng		99
53) 3-Nitroaniline	13.98	138	134203	14.096	ng		90
54) 2,4-Dinitrophenol	14.20	184	509829	92.878	ng	#	85
55) Dibenzofuran	14.48	168	2321452	46.974	ng		95
56) 4-Nitrophenol	14.32	139	743007	99.837	ng		84
57) 2,4-Dinitrotoluene	14.45	165	602646	45.808	ng	#	86
58) Fluorene	15.13	166	1850133	44.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	612284	48.752	ng		93
60) Diethylphthalate	14.93	149	1862957	42.501	ng		97
61) 4-Chlorophenyl-phenylether	15.14	204	1043962	43.600	ng		97
62) 4-Nitroaniline	15.16	138	389426	37.056	ng		88
63) Azobenzene	15.43	77	1451642	38.825	ng		93
65) 4,6-Dinitro-2-methylphenol	15.22	198	357435	53.461	ng		90
66) n-Nitrosodiphenylamine	15.36	169	1644733	50.354	ng		98
67) 4-Bromophenyl-phenylether	16.03	248	686133	48.521	ng		96
68) Hexachlorobenzene	16.14	284	805211	49.621	ng		95
69) Atrazine	16.32	200	629351	50.196	ng		99
70) Pentachlorophenol	16.49	266	1055695	106.805	ng		99
71) Phenanthrene	16.87	178	2968663	48.211	ng		99
72) Anthracene	16.96	178	3018794	50.104	ng		100
73) Carbazole	17.23	167	2682801	48.913	ng		99
74) Di-n-butylphthalate	17.83	149	3074631	43.849	ng		99
75) Fluoranthene	18.90	202	3683239	47.926	ng		99
77) Benzidine	19.09	184	1495081	52.991	ng		99
78) Pyrene	19.26	202	3751929	46.978	ng		100
80) Butylbenzylphthalate	20.20	149	1429734	42.662	ng		91
81) Benzo(a)anthracene	21.03	228	4051388	48.182	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	826811	27.335	ng		98
83) Chrysene	21.08	228	3906052	48.683	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2108491	42.640	ng		98
85) Di-n-octyl phthalate	21.85	149	3788427	46.373	ng		97
86) Indeno(1,2,3-cd)pyrene	25.23	276	5399988	61.749	ng		99
88) Benzo(b)fluoranthene	22.53	252	4556868	46.504	ng		99
89) Benzo(k)fluoranthene	22.58	252	4395215	45.953	ng		99
90) Benzo(a)pyrene	23.06	252	4183721	46.961	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	4596519	54.360	ng		98
92) Benzo(g,h,i)perylene	25.85	276	4556699	59.348	ng		98

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

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