Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024699.D
Acq On : 03 Feb 2020 15:11
Operator : CG/JU
Sample : L1343-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NW-SPMS

Manual Integrations APPROVED
mohammad
2/4/2020 6:12:23 PM

Quant Time: Feb 04 03:33:15 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	200126	20.00	ng		-0.02
21) Naphthalene-d8	10.18	136	752771	20.00	ng		-0.02
39) Acenaphthene-d10	14.07	164	523051	20.00	ng		-0.02
64) Phenanthrene-d10	16.83	188	1202609	20.00	ng		-0.02
76) Chrysene-d12	21.04	240	1229555	20.00	ng		-0.02
87) Perylene-d12	23.14	264	1412046	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1134975	107.85	ng		-0.01
7) Phenol-d6	6.63	99	1431958	98.78	ng		-0.02
23) Nitrobenzene-d5	8.56	82	918261	59.82	ng		-0.02
42) 2,4,6-Tribromophenol	15.57	330	887769	104.34	ng		-0.02
45) 2-Fluorobiphenyl	12.69	172	2559643	66.53	ng		-0.02
79) Terphenyl-d14	19.49	244	4671599	70.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	163847	39.361	ng		94
3) Pyridine	3.43	79	410158	33.989	ng		94
4) n-Nitrosodimethylamine	3.35	42	191135	35.684	ng		82
6) Aniline	6.76	93	427086	24.201	ng		97
8) 2-Chlorophenol	7.00	128	576807	48.150	ng		93
9) Benzaldehyde	6.57	77	248232	28.980	ng		93
10) Phenol	6.65	94	658845	45.594	ng		92
11) bis(2-Chloroethyl)ether	6.86	93	476573	41.197	ng		95
12) 1,3-Dichlorobenzene	7.32	146	662434	45.012	ng		94
13) 1,4-Dichlorobenzene	7.46	146	678246	45.428	ng		98
14) 1,2-Dichlorobenzene	7.77	146	643820	44.674	ng		98
15) Benzyl Alcohol	7.67	79	474908	39.734	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	366115	34.571	ng		98
17) 2-Methylphenol	7.87	107	451713	44.359	ng		97
18) Hexachloroethane	8.49	117	237347	41.169	ng		94
19) n-Nitroso-di-n-propylamine	8.23	70	374350	34.394	ng		94
20) 3+4-Methylphenols	8.20	107	611202	43.360	ng		97
22) Acetophenone	8.24	105	778201	40.092	ng	#	95
24) Nitrobenzene	8.60	77	583006	39.635	ng		93
25) Isophorone	9.13	82	1035928	39.719	ng		97
26) 2-Nitrophenol	9.31	139	325449	47.782	ng		89
27) 2,4-Dimethylphenol	9.39	122	513557	55.485	ng		94
28) bis(2-Chloroethoxy)methane	9.62	93	650740	40.843	ng		99
29) 2,4-Dichlorophenol	9.85	162	623164	49.834	ng		97
30) 1,2,4-Trichlorobenzene	10.05	180	704457	46.710	ng		99
31) Naphthalene	10.23	128	1726687	45.415	ng		99
32) Benzoic acid	9.55	122	393684m	46.497	ng		
33) 4-Chloroaniline	10.35	127	269673	16.182	ng		95
34) Hexachlorobutadiene	10.53	225	461548	44.271	ng		100
35) Caprolactam	11.12	113	180711m	45.044	ng		
36) 4-Chloro-3-methylphenol	11.49	107	584794	43.980	ng		93
37) 2-Methylnaphthalene	11.86	142	1329849	45.324	ng		98
38) 1-Methylnaphthalene	12.08	142	1261113	45.185	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	815404	43.680	ng		99

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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)
41) Hexachlorocyclopentadiene	12.23	237	1095836	104.729	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	558723	47.033	ng		98
44) 2,4,5-Trichlorophenol	12.56	196	602744	49.682	ng		96
46) 1,1'-Biphenyl	12.90	154	1748319	44.168	ng		98
47) 2-Chloronaphthalene	12.93	162	1411475	44.170	ng		97
48) 2-Nitroaniline	13.14	65	341865	35.076	ng	#	83
49) Acenaphthylene	13.79	152	2243506	46.898	ng		100
50) Dimethylphthalate	13.55	163	1894879	44.801	ng		100
51) 2,6-Dinitrotoluene	13.66	165	407237	45.287	ng	#	85
52) Acenaphthene	14.14	154	1327215	44.710	ng		99
53) 3-Nitroaniline	13.99	138	224044	24.022	ng		88
54) 2,4-Dinitrophenol	14.20	184	503324	93.601	ng	#	87
55) Dibenzofuran	14.48	168	2228282	46.027	ng		96
56) 4-Nitrophenol	14.32	139	717029	98.352	ng		85
57) 2,4-Dinitrotoluene	14.46	165	572191	44.399	ng	#	85
58) Fluorene	15.13	166	1800084	44.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	588765	47.855	ng	#	94
60) Diethylphthalate	14.93	149	1782160	41.504	ng		99
61) 4-Chlorophenyl-phenylether	15.14	204	1003845	42.797	ng		97
62) 4-Nitroaniline	15.16	138	391631	38.042	ng		89
63) Azobenzene	15.43	77	1397860	38.165	ng		93
65) 4,6-Dinitro-2-methylphenol	15.22	198	365296	51.661	ng		89
66) n-Nitrosodiphenylamine	15.36	169	1600487	46.331	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	664762	44.450	ng		97
68) Hexachlorobenzene	16.14	284	784656	45.720	ng		97
69) Atrazine	16.33	200	651117	49.104	ng		98
70) Pentachlorophenol	16.49	266	1027236	98.265	ng		99
71) Phenanthrene	16.87	178	3108306	47.730	ng		98
72) Anthracene	16.96	178	3061358	48.043	ng		100
73) Carbazole	17.23	167	2654873	45.767	ng		99
74) Di-n-butylphthalate	17.83	149	3116589	42.026	ng		99
75) Fluoranthene	18.90	202	4175474	51.371	ng		99
77) Benzidine	19.10	184	1924781	67.218	ng		99
78) Pyrene	19.26	202	4154597	51.255	ng		100
80) Butylbenzylphthalate	20.20	149	1429275	42.022	ng		90
81) Benzo(a)anthracene	21.03	228	3950198	46.289	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1173282	38.220	ng		98
83) Chrysene	21.07	228	3780586	46.427	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2104939	41.943	ng		98
85) Di-n-octyl phthalate	21.85	149	3606128	43.493	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4728057	53.272	ng		99
88) Benzo(b)fluoranthene	22.53	252	4231219	46.201	ng		99
89) Benzo(k)fluoranthene	22.57	252	4006988	44.825	ng		99
90) Benzo(a)pyrene	23.06	252	3807545	45.728	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	3954761	50.042	ng		99
92) Benzo(g,h,i)perylene	25.84	276	3937682	54.873	ng		99

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

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