Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024647.D
Acq On : 29 Jan 2020 13:17
Operator : CG/JU
Sample : L1008-21MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:49 AM

Quant Time: Jan 30 03:20:55 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	7.44	152	301716	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1168385	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	827948	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1863431	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1689227	20.00	ng	0.00
87) Perylene-d12	23.16	264	1585424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1636250	103.14	ng	0.00
7) Phenol-d6	6.65	99	1836622	84.04	ng	0.00
23) Nitrobenzene-d5	8.58	82	1473044	61.83	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1480594	109.94	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4283096	70.33	ng	0.00
79) Terphenyl-d14	19.50	244	7636165	84.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	174636	27.827	ng	# 49
3) Pyridine	3.47	79	220604	12.126	ng	94
4) n-Nitrosodimethylamine	3.37	42	214452	26.556	ng	88
6) Aniline	6.79	93	450177	16.920	ng	95
8) 2-Chlorophenol	7.02	128	687918	38.090	ng	92
9) Benzaldehyde	6.59	77	262198	20.304	ng	92
10) Phenol	6.67	94	678535	31.146	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	575172	32.979	ng	96
12) 1,3-Dichlorobenzene	7.33	146	725029	32.678	ng	97
13) 1,4-Dichlorobenzene	7.47	146	745028	33.099	ng	95
14) 1,2-Dichlorobenzene	7.79	146	719625	33.121	ng	98
15) Benzyl Alcohol	7.69	79	578265	32.091	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	425532	26.652	ng	96
17) 2-Methylphenol	7.90	107	534663	34.826	ng	96
18) Hexachloroethane	8.50	117	256538	29.515	ng	93
19) n-Nitroso-di-n-propylamine	8.25	70	474756	28.932	ng	94
20) 3+4-Methylphenols	8.22	107	717031	33.740	ng	97
22) Acetophenone	8.26	105	964408	32.011	ng	96
24) Nitrobenzene	8.62	77	729722	31.962	ng	93
25) Isophorone	9.15	82	1339346	33.086	ng	96
26) 2-Nitrophenol	9.33	139	398989	37.741	ng	90
27) 2,4-Dimethylphenol	9.41	122	634495	44.167	ng	92
28) bis(2-Chloroethoxy)methane	9.64	93	814177	32.924	ng	99
29) 2,4-Dichlorophenol	9.86	162	787223	40.560	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	847013	36.185	ng	99
31) Naphthalene	10.25	128	2072038	35.112	ng	99
32) Benzoic acid	9.57	122	371935m	28.302	ng	
33) 4-Chloroaniline	10.37	127	154414	5.970	ng	96
34) Hexachlorobutadiene	10.55	225	553655	34.215	ng	98
35) Caprolactam	11.15	113	148582m	23.861	ng	
36) 4-Chloro-3-methylphenol	11.51	107	716344	34.710	ng	91
37) 2-Methylnaphthalene	11.87	142	1675435	36.790	ng	99
38) 1-Methylnaphthalene	12.10	142	1577381	36.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1037148	35.099	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	1258681	75.994	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	712984	37.917	ng		100
44) 2,4,5-Trichlorophenol	12.57	196	757900	39.466	ng		97
46) 1,1'-Biphenyl	12.92	154	2218937	35.414	ng		99
47) 2-Chloronaphthalene	12.95	162	1791567	35.418	ng		96
48) 2-Nitroaniline	13.16	65	422947	27.415	ng		86
49) Acenaphthylene	13.80	152	2777707	36.682	ng		100
50) Dimethylphthalate	13.57	163	2564911	38.311	ng		100
51) 2,6-Dinitrotoluene	13.67	165	525586	36.925	ng	#	84
52) Acenaphthene	14.16	154	1656244	35.248	ng		100
53) 3-Nitroaniline	14.00	138	279318	18.920	ng		92
54) 2,4-Dinitrophenol	14.21	184	574889	67.540	ng	#	87
55) Dibenzofuran	14.49	168	2810201	36.671	ng		97
56) 4-Nitrophenol	14.33	139	739990	64.123	ng		88
57) 2,4-Dinitrotoluene	14.47	165	733188	35.941	ng	#	85
58) Fluorene	15.14	166	2263263	35.144	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	727173	37.339	ng		94
60) Diethylphthalate	14.95	149	2283417	33.595	ng		98
61) 4-Chlorophenyl-phenylether	15.15	204	1303632	35.111	ng		99
62) 4-Nitroaniline	15.17	138	470950	28.900	ng		93
63) Azobenzene	15.44	77	1769307	30.517	ng		94
65) 4,6-Dinitro-2-methylphenol	15.23	198	417742	38.127	ng		90
66) n-Nitrosodiphenylamine	15.37	169	2018593	37.712	ng		99
67) 4-Bromophenyl-phenylether	16.04	248	862895	37.237	ng		98
68) Hexachlorobenzene	16.16	284	1008978	37.942	ng		98
69) Atrazine	16.34	200	798867	38.881	ng		99
70) Pentachlorophenol	16.50	266	1243541	76.771	ng		99
71) Phenanthrene	16.89	178	3658126	36.252	ng		100
72) Anthracene	16.97	178	3729835	37.776	ng		100
73) Carbazole	17.24	167	3218027	35.802	ng		99
74) Di-n-butylphthalate	17.84	149	3923432	34.144	ng		99
75) Fluoranthene	18.91	202	4442053	35.270	ng		99
77) Benzidine	19.10	184	1353269	34.399	ng		99
78) Pyrene	19.27	202	4487658	40.299	ng		100
80) Butylbenzylphthalate	20.21	149	1691225	36.193	ng		94
81) Benzo(a)anthracene	21.03	228	4261046	36.344	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	966424	22.915	ng		99
83) Chrysene	21.09	228	4045276	36.159	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	2421871	35.126	ng	#	96
85) Di-n-octyl phthalate	21.86	149	3829035	33.614	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3940486	32.316	ng		99
88) Benzo(b)fluoranthene	22.54	252	3980113	38.707	ng		99
89) Benzo(k)fluoranthene	22.59	252	3750064	37.363	ng		100
90) Benzo(a)pyrene	23.07	252	3400153	36.370	ng		100
91) Dibenzo(a,h)anthracene	25.24	278	3342637	37.671	ng		99
92) Benzo(g,h,i)perylene	25.86	276	3264814	40.521	ng		99

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

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