Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024688.D
Acq On : 31 Jan 2020 22:46
Operator : CG/JU
Sample : L1004-18MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-01-012920MSD

Manual Integrations APPROVED
mohammad
2/3/2020 4:11:17 PM

Quant Time: Feb 01 02:31:03 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	7.43	152	196855	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	708581	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	488184	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1140273	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1216726	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1401997	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1468163	141.83	ng	0.00
7) Phenol-d6	6.63	99	1758582	123.33	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1165498	80.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1217973	153.38	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3342889	93.09	ng	-0.02
79) Terphenyl-d14	19.49	244	6494861	99.65	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	169801	41.469	ng	# 66
3) Pyridine	3.45	79	369662	31.142	ng	95
4) n-Nitrosodimethylamine	3.36	42	191805	36.404	ng	84
6) Aniline	6.77	93	198731	11.448	ng	96
8) 2-Chlorophenol	7.00	128	576864	48.955	ng	93
9) Benzaldehyde	6.57	77	252649	29.986	ng	93
10) Phenol	6.66	94	675088	47.494	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	473709	41.630	ng	94
12) 1,3-Dichlorobenzene	7.32	146	638787	44.127	ng	95
13) 1,4-Dichlorobenzene	7.46	146	654208	44.547	ng	98
14) 1,2-Dichlorobenzene	7.77	146	619723	43.717	ng	98
15) Benzyl Alcohol	7.67	79	478328	40.685	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	343825	33.006	ng	95
17) 2-Methylphenol	7.88	107	452249	45.150	ng	95
18) Hexachloroethane	8.49	117	227385	40.096	ng	94
19) n-Nitroso-di-n-propylamine	8.23	70	379710	35.466	ng	94
20) 3+4-Methylphenols	8.20	107	608571	43.890	ng	97
22) Acetophenone	8.24	105	788050	43.131	ng	95
24) Nitrobenzene	8.60	77	574212	41.471	ng	93
25) Isophorone	9.13	82	1051787	42.842	ng	96
26) 2-Nitrophenol	9.31	139	331096	51.642	ng	90
27) 2,4-Dimethylphenol	9.39	122	509607	58.492	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	641215	42.755	ng	99
29) 2,4-Dichlorophenol	9.85	162	626400	53.217	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	692873	48.807	ng	99
31) Naphthalene	10.23	128	1679172	46.919	ng	99
32) Benzoic acid	9.55	122	374552m	46.997	ng	
33) 4-Chloroaniline	10.36	127	64466	4.109	ng	95
34) Hexachlorobutadiene	10.53	225	456303	46.497	ng	98
35) Caprolactam	11.13	113	164981m	43.688	ng	
36) 4-Chloro-3-methylphenol	11.49	107	589366	47.088	ng	91
37) 2-Methylnaphthalene	11.86	142	1323693	47.927	ng	98
38) 1-Methylnaphthalene	12.08	142	1247519	47.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	817652	46.929	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	907250	92.898	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	569339	51.350	ng		100
44) 2,4,5-Trichlorophenol	12.56	196	613203	54.154	ng		96
46) 1,1'-Biphenyl	12.90	154	1747863	47.310	ng		99
47) 2-Chloronaphthalene	12.93	162	1412242	47.350	ng		97
48) 2-Nitroaniline	13.14	65	334644	36.788	ng	#	83
49) Acenaphthylene	13.79	152	2205777	49.403	ng		100
50) Dimethylphthalate	13.55	163	1955130	49.527	ng		99
51) 2,6-Dinitrotoluene	13.66	165	416869	49.670	ng	#	84
52) Acenaphthene	14.14	154	1316773	47.527	ng		99
53) 3-Nitroaniline	13.98	138	83106	9.547	ng		98
54) 2,4-Dinitrophenol	14.20	184	472398	94.124	ng	#	85
55) Dibenzofuran	14.48	168	2225586	49.255	ng		95
56) 4-Nitrophenol	14.32	139	727757	106.953	ng		86
57) 2,4-Dinitrotoluene	14.46	165	583536	48.513	ng	#	85
58) Fluorene	15.13	166	1795038	47.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	598196	52.094	ng	#	94
60) Diethylphthalate	14.94	149	1817225	45.344	ng		97
61) 4-Chlorophenyl-phenylether	15.14	204	1013513	46.296	ng		99
62) 4-Nitroaniline	15.16	138	351349	36.566	ng		91
63) Azobenzene	15.43	77	1400414	40.966	ng		92
65) 4,6-Dinitro-2-methylphenol	15.22	198	363429	54.206	ng		89
66) n-Nitrosodiphenylamine	15.36	169	1626178	49.648	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	688036	48.521	ng		97
68) Hexachlorobenzene	16.14	284	796911	48.973	ng		96
69) Atrazine	16.33	200	670688	53.345	ng		98
70) Pentachlorophenol	16.49	266	1066311	107.579	ng		99
71) Phenanthrene	16.87	178	2987708	48.386	ng		99
72) Anthracene	16.96	178	3051568	50.507	ng		99
73) Carbazole	17.23	167	2722276	49.495	ng		99
74) Di-n-butylphthalate	17.83	149	3228870	45.921	ng		99
75) Fluoranthene	18.90	202	3828456	49.677	ng		98
77) Benzidine	19.09	184	1216584	42.934	ng		99
78) Pyrene	19.26	202	3906087	48.698	ng		100
80) Butylbenzylphthalate	20.20	149	1516124	45.046	ng		90
81) Benzo(a)anthracene	21.02	228	4091033	48.444	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	603945	19.881	ng		98
83) Chrysene	21.07	228	3873262	48.067	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2196193	44.223	ng		96
85) Di-n-octyl phthalate	21.84	149	3838855	46.788	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.21	276	4926527	56.093	ng		98
88) Benzo(b)fluoranthene	22.53	252	4356977	47.916	ng		99
89) Benzo(k)fluoranthene	22.57	252	4144114	46.691	ng		99
90) Benzo(a)pyrene	23.06	252	3880498	46.939	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	4174661	53.203	ng		99
92) Benzo(g,h,i)perylene	25.84	276	4098381	57.522	ng		99

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

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