Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026673.D
Acq On : 07 Jul 2020 12:30
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:09 AM

Quant Time: Jul 07 14:23:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:16:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	62424	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	290521	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	202046	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	469705	20.00	ng		0.00
76) Chrysene-d12	20.97	240	572399	20.00	ng		0.00
86) Perylene-d12	23.04	264	639181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	72911	19.29	ng		0.00
7) Phenol-d6	6.54	99	113801	19.37	ng		0.00
23) Nitrobenzene-d5	8.48	82	126799	18.50	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	52109	17.85	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	281724	18.48	ng		0.00
79) Terphenyl-d14	19.41	244	529761	17.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	19939	11.058	ng		96
3) Pyridine	3.35	79	50313	9.650	ng		93
4) n-Nitrosodimethylamine	3.27	42	29303	9.882	ng		98
6) Aniline	6.67	93	70869	9.790	ng		97
8) 2-Chlorophenol	6.90	128	43238	9.833	ng		99
9) Benzaldehyde	6.49	77	37488	11.676	ng		98
10) Phenol	6.56	94	55938	9.612	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	48721	10.091	ng		99
12) 1,3-Dichlorobenzene	7.22	146	48399	10.028	ng		98
13) 1,4-Dichlorobenzene	7.36	146	48914	9.951	ng		97
14) 1,2-Dichlorobenzene	7.67	146	49278	10.119	ng		99
15) Benzyl Alcohol	7.59	79	47876	9.553	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	103476	10.440	ng		98
17) 2-Methylphenol	7.79	107	43070	9.878	ng		97
18) Hexachloroethane	8.38	117	19419	9.995	ng		92
19) n-Nitroso-di-n-propylamine	8.15	70	48308	9.999	ng		95
20) 3+4-Methylphenols	8.12	107	57161	9.445	ng		98
22) Acetophenone	8.15	105	77303	9.333	ng	#	94
24) Nitrobenzene	8.52	77	67774	9.507	ng		95
25) Isophorone	9.05	82	121704	9.347	ng		99
26) 2-Nitrophenol	9.22	139	22779	8.450	ng		95
27) 2,4-Dimethylphenol	9.30	122	39656	9.245	ng		97
28) bis(2-Chloroethoxy)methane	9.53	93	67573	9.414	ng		98
29) 2,4-Dichlorophenol	9.76	162	43016	9.088	ng		97
30) 1,2,4-Trichlorobenzene	9.96	180	49505	9.339	ng		97
31) Naphthalene	10.13	128	153107	9.461	ng		98
32) Benzoic acid	9.43	122	17207	5.190	ng		97
33) 4-Chloroaniline	10.27	127	65285	9.275	ng		99
34) Hexachlorobutadiene	10.42	225	33387	9.495	ng		95
35) Caprolactam	11.04	113	14478	8.729	ng		94
36) 4-Chloro-3-methylphenol	11.41	107	54901	9.291	ng		97
37) 2-Methylnaphthalene	11.76	142	112209	9.432	ng		99
38) 1-Methylnaphthalene	11.99	142	108643	9.564	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	59430	8.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	19620	6.116 ng	94
43) 2,4,6-Trichlorophenol	12.40	196	37585	8.685 ng	92
44) 2,4,5-Trichlorophenol	12.49	196	43884	8.701 ng	94
46) 1,1'-Biphenyl	12.81	154	148434	9.219 ng	98
47) 2-Chloronaphthalene	12.84	162	118788	9.184 ng	99
48) 2-Nitroaniline	13.07	65	45692	8.653 ng	97
49) Acenaphthylene	13.70	152	187912	9.097 ng	99
50) Dimethylphthalate	13.47	163	163195	9.544 ng	99
51) 2,6-Dinitrotoluene	13.59	165	32791	8.883 ng	96
52) Acenaphthene	14.06	154	115327	9.205 ng	98
53) 3-Nitroaniline	13.92	138	32475	8.421 ng	91
54) 2,4-Dinitrophenol	14.14	184	13267	5.983 ng	97
55) Dibenzofuran	14.40	168	190489	9.329 ng	98
56) 4-Nitrophenol	14.26	139	21552	7.201 ng	97
57) 2,4-Dinitrotoluene	14.39	165	46928	8.944 ng	96
58) Fluorene	15.05	166	155938	9.251 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	40393	9.218 ng	99
60) Diethylphthalate	14.85	149	169827	9.434 ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	84438	9.231 ng	97
62) 4-Nitroaniline	15.09	138	32063m	8.233 ng	
63) Azobenzene	15.35	77	184034	9.325 ng	95
65) 4,6-Dinitro-2-methylphenol	15.16	198	22933	6.988 ng	92
66) n-Nitrosodiphenylamine	15.28	169	135485	8.954 ng	98
67) 4-Bromophenyl-phenylether	15.95	248	53458	9.126 ng	98
68) Hexachlorobenzene	16.06	284	57592	9.389 ng	98
69) Atrazine	16.25	200	47567	10.578 ng	99
70) Pentachlorophenol	16.42	266	26332	7.425 ng	95
71) Phenanthrene	16.79	178	256052	9.222 ng	100
72) Anthracene	16.89	178	249182	9.010 ng	98
73) Carbazole	17.17	167	238470	9.131 ng	99
74) Di-n-butylphthalate	17.75	149	291027	8.910 ng	100
75) Fluoranthene	18.82	202	311473	9.280 ng	99
77) Benzidine	19.03	184	90174	8.527 ng	97
78) Pyrene	19.19	202	330795	8.842 ng	99
80) Butylbenzylphthalate	20.13	149	138350	8.381 ng	100
81) Benzo(a)anthracene	20.96	228	356501	9.241 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	112298	9.329 ng	99
83) Chrysene	21.00	228	352833	9.468 ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	222389	8.685 ng	100
85) Di-n-octyl phthalate	21.76	149	379076	8.908 ng	98
87) Indeno(1,2,3-cd)pyrene	25.04	276	415502	9.789 ng	100
88) Benzo(b)fluoranthene	22.43	252	370731	8.527 ng	99
89) Benzo(k)fluoranthene	22.47	252	368764	8.657 ng	99
90) Benzo(a)pyrene	22.95	252	344394	8.789 ng	99
91) Dibenzo(a,h)anthracene	25.06	278	349549	9.745 ng	98
92) Benzo(g,h,i)perylene	25.65	276	332350	10.062 ng	98

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

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