Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027299.D
Acq On : 02 Sep 2020 10:53
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Sep 02 16:21:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 13:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	107196	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	408029	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	293524	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	695716	20.00	ng		0.00
76) Chrysene-d12	21.16	240	798137	20.00	ng		0.00
86) Perylene-d12	23.34	264	864486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	61509	11.19	ng		0.00
7) Phenol-d6	6.76	99	76390	10.12	ng		0.00
23) Nitrobenzene-d5	8.72	82	88355	8.93	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	43600	9.17	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	204574	9.16	ng		0.00
79) Terphenyl-d14	19.60	244	383846	8.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	13832	5.264	ng	#	92
3) Pyridine	3.56	79	37519	5.086	ng	#	95
4) n-Nitrosodimethylamine	3.47	42	17143	5.327	ng	#	75
6) Aniline	6.91	93	48981	5.711	ng		96
8) 2-Chlorophenol	7.15	128	30583	5.345	ng		96
9) Benzaldehyde	6.73	77	34210	6.618	ng		95
10) Phenol	6.79	94	37491	5.211	ng		93
11) bis(2-Chloroethyl)ether	7.01	93	34697	5.899	ng		98
12) 1,3-Dichlorobenzene	7.47	146	41475	5.179	ng		98
13) 1,4-Dichlorobenzene	7.62	146	39895	4.937	ng		97
14) 1,2-Dichlorobenzene	7.92	146	39456	5.148	ng		99
15) Benzyl Alcohol	7.82	79	32163	4.687	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.10	45	24956	5.289	ng		95
17) 2-Methylphenol	8.02	107	24830	4.987	ng		96
18) Hexachloroethane	8.65	117	16452	5.017	ng		93
19) n-Nitroso-di-n-propylamine	8.38	70	31139	5.373	ng		98
20) 3+4-Methylphenols	8.35	107	33299	4.998	ng		94
22) Acetophenone	8.39	105	54080	4.932	ng	#	95
24) Nitrobenzene	8.76	77	44864	4.482	ng		98
25) Isophorone	9.29	82	75158	5.188	ng		100
26) 2-Nitrophenol	9.47	139	14101	4.513	ng		94
27) 2,4-Dimethylphenol	9.54	122	27663	5.702	ng		90
28) bis(2-Chloroethoxy)methane	9.77	93	43201	4.887	ng		99
29) 2,4-Dichlorophenol	10.00	162	30004	4.435	ng		98
30) 1,2,4-Trichlorobenzene	10.22	180	41258	4.645	ng		96
31) Naphthalene	10.39	128	101395	4.903	ng		99
33) 4-Chloroaniline	10.51	127	38980	4.562	ng		96
34) Hexachlorobutadiene	10.69	225	28113	4.391	ng		97
36) 4-Chloro-3-methylphenol	11.65	107	31892	4.560	ng		96
37) 2-Methylnaphthalene	12.02	142	76276	4.870	ng		96
38) 1-Methylnaphthalene	12.24	142	73599	4.883	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	49707	4.809	ng		100
41) Hexachlorocyclopentadiene	12.38	237	28289	4.951	ng		90
43) 2,4,6-Trichlorophenol	12.64	196	26409	4.137	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.71	196	30445	4.498	ng		95
46) 1,1'-Biphenyl	13.04	154	107776	4.899	ng		98
47) 2-Chloronaphthalene	13.08	162	87394	4.659	ng		97
48) 2-Nitroaniline	13.29	65	21835	3.648	ng		94
49) Acenaphthylene	13.93	152	124619	4.777	ng		99
50) Dimethylphthalate	13.68	163	114590	4.809	ng		99
51) 2,6-Dinitrotoluene	13.79	165	21267	4.488	ng	#	86
52) Acenaphthene	14.28	154	78712	4.753	ng		98
53) 3-Nitroaniline	14.12	138	16643	3.642	ng	#	99
55) Dibenzofuran	14.62	168	137012	4.967	ng		97
57) 2,4-Dinitrotoluene	14.59	165	27613	4.194	ng	#	95
58) Fluorene	15.27	166	109621	4.814	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.85	232	29615	4.467	ng		96
60) Diethylphthalate	15.06	149	111920	4.734	ng		97
61) 4-Chlorophenyl-phenylether	15.27	204	60691	4.640	ng		93
62) 4-Nitroaniline	15.28	138	15730	3.067	ng		91
63) Azobenzene	15.56	77	113277	4.670	ng		96
66) n-Nitrosodiphenylamine	15.49	169	93925	4.753	ng		98
67) 4-Bromophenyl-phenylether	16.16	248	38103	4.536	ng		93
68) Hexachlorobenzene	16.28	284	46052	4.617	ng		97
69) Atrazine	16.44	200	25417	3.398	ng		98
71) Phenanthrene	17.00	178	184753	4.777	ng		99
72) Anthracene	17.09	178	177757	4.808	ng		98
73) Carbazole	17.37	167	149146	4.386	ng		98
74) Di-n-butylphthalate	17.95	149	171528	4.367	ng	#	98
75) Fluoranthene	19.03	202	213274	4.415	ng		98
78) Pyrene	19.39	202	224852	4.630	ng		99
80) Butylbenzylphthalate	20.32	149	75299	4.242	ng		95
81) Benzo(a)anthracene	21.15	228	239173	4.624	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	74337	4.124	ng		97
83) Chrysene	21.20	228	233674	4.652	ng		99
84) Bis(2-ethylhexyl)phthalate	21.11	149	113745	4.502	ng		100
85) Di-n-octyl phthalate	21.97	149	187946	4.509	ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	261628	3.867	ng		99
88) Benzo(b)fluoranthene	22.69	252	249237	4.323	ng		98
89) Benzo(k)fluoranthene	22.73	252	237497	4.208	ng		99
90) Benzo(a)pyrene	23.24	252	208058	3.954	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	221330	3.930	ng		99
92) Benzo(g,h,i)perylene	26.15	276	215984	3.981	ng		97

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

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