Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022321\
Data File : BM028871.D
Acq On : 23 Feb 2021 14:00
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Feb 23 14:37:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:05:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	15821	20.00	ng		0.00
21) Naphthalene-d8	10.616	136	60199	20.00	ng	#	0.00
39) Acenaphthene-d10	14.474	164	33142	20.00	ng		0.00
64) Phenanthrene-d10	17.215	188	62942	20.00	ng		0.00
76) Chrysene-d12	21.374	240	56985	20.00	ng	#	0.00
86) Perylene-d12	23.591	264	56888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	91487	91.35	ng		0.00
7) Phenol-d6	6.998	99	121477	89.08	ng		0.00
23) Nitrobenzene-d5	8.992	82	109044	85.91	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	37982	86.50	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	241971	91.60	ng		0.00
79) Terphenyl-d14	19.827	244	293000	92.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	16921	42.11	ng	#	69
3) Pyridine	3.604	79	46976	42.23	ng	#	53
4) n-Nitrosodimethylamine	3.516	42	25864	40.43	ng	#	58
6) Aniline	7.145	93	64964	43.97	ng		95
8) 2-Chlorophenol	7.375	128	54732	49.15	ng		94
9) Benzaldehyde	6.951	77	29001	40.87	ng	#	77
10) Phenol	7.028	94	60264	46.89	ng		87
11) bis(2-Chloroethyl)ether	7.245	93	45337	43.74	ng		94
12) 1,3-Dichlorobenzene	7.692	146	58975	44.88	ng	#	92
13) 1,4-Dichlorobenzene	7.845	146	59849	45.04	ng		98
14) 1,2-Dichlorobenzene	8.163	146	56862	44.61	ng		98
15) Benzyl Alcohol	8.069	79	42932	45.18	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.351	45	69635	37.23	ng		72
17) 2-Methylphenol	8.275	107	41082	46.16	ng	#	89
18) Hexachloroethane	8.881	117	21855	43.69	ng		90
19) n-Nitroso-di-n-propyla...	8.634	70	35522	43.74	ng	#	65
20) 3+4-Methylphenols	8.610	107	54993	46.07	ng		90
22) Acetophenone	8.651	105	71009	45.50	ng	#	91
24) Nitrobenzene	9.034	77	55244	45.09	ng	#	83
25) Isophorone	9.551	82	93541	48.10	ng		95
26) 2-Nitrophenol	9.739	139	28904	52.13	ng	#	82
27) 2,4-Dimethylphenol	9.804	122	41742	51.77	ng		91
28) bis(2-Chloroethoxy)met...	10.033	93	52791	38.46	ng		97
29) 2,4-Dichlorophenol	10.275	162	47783	49.67	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	51883	45.40	ng		96
31) Naphthalene	10.663	128	158151	46.50	ng		99
32) Benzoic acid	9.986	122	31755	43.76	ng	#	86
33) 4-Chloroaniline	10.792	127	63839	45.18	ng	#	91
34) Hexachlorobutadiene	10.933	225	30730	45.07	ng		98
35) Caprolactam	11.610	113	12837	41.23	ng	#	70
36) 4-Chloro-3-methylphenol	11.927	107	47603	47.59	ng		91
37) 2-Methylnaphthalene	12.280	142	111634	47.61	ng		97
38) 1-Methylnaphthalene	12.504	142	103408	46.48	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	50443	46.15	ng		99
41) Hexachlorocyclopentadiene	12.616	237	20621	40.38	ng		96
43) 2,4,6-Trichlorophenol	12.904	196	36055	49.17	ng		98

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44) 2,4,5-Trichlorophenol	12.980	196	38430	50.65	ng	#	96
46) 1,1'-Biphenyl	13.304	154	128897	45.57	ng		98
47) 2-Chloronaphthalene	13.345	162	104556	45.23	ng		98
48) 2-Nitroaniline	13.569	65	29679	40.95	ng	#	87
49) Acenaphthylene	14.198	152	162424	47.36	ng		99
50) Dimethylphthalate	13.939	163	118974	43.67	ng		99
51) 2,6-Dinitrotoluene	14.069	165	28715	49.54	ng		87
52) Acenaphthene	14.539	154	98667	46.33	ng		99
53) 3-Nitroaniline	14.404	138	28941	44.29	ng		82
54) 2,4-Dinitrophenol	14.621	184	15038	43.56	ng		95
55) Dibenzofuran	14.874	168	153132	46.76	ng		100
56) 4-Nitrophenol	14.727	139	22840	44.39	ng	#	78
57) 2,4-Dinitrotoluene	14.863	165	37719	48.85	ng		92
58) Fluorene	15.521	166	122144	45.52	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	30398	45.32	ng		91
60) Diethylphthalate	15.298	149	118207	42.73	ng		98
61) 4-Chlorophenyl-phenyle...	15.515	204	58180	44.02	ng		94
62) 4-Nitroaniline	15.568	138	27652	38.87	ng		86
63) Azobenzene	15.810	77	112690	43.40	ng		88
65) 4,6-Dinitro-2-methylph...	15.627	198	22000	56.26	ng		81
66) n-Nitrosodiphenylamine	15.739	169	104815	49.73	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	34356	46.09	ng		92
68) Hexachlorobenzene	16.521	284	38456	44.40	ng		97
69) Atrazine	16.692	200	32204	51.54	ng		98
70) Pentachlorophenol	16.868	266	21147	44.79	ng		97
71) Phenanthrene	17.257	178	179352	46.33	ng		99
72) Anthracene	17.345	178	180144	48.18	ng		99
73) Carbazole	17.627	167	170922	48.20	ng		99
74) Di-n-butylphthalate	18.174	149	193112	45.26	ng		99
75) Fluoranthene	19.268	202	197357	45.40	ng		98
77) Benzidine	19.456	184	76799	59.93	ng		99
78) Pyrene	19.627	202	202376	49.53	ng		99
80) Butylbenzylphthalate	20.515	149	86897	48.24	ng		96
81) Benzo(a)anthracene	21.362	228	189417	48.13	ng		99
82) 3,3'-Dichlorobenzidine	21.297	252	64599	51.08	ng	#	98
83) Chrysene	21.415	228	185542	48.84	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	123230	48.38	ng	#	97
85) Di-n-octyl phthalate	22.150	149	211352	49.07	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.832	276	205965	48.59	ng	#	90
88) Benzo(b)fluoranthene	22.927	252	194558	50.38	ng	#	96
89) Benzo(k)fluoranthene	22.974	252	178578	47.36	ng	#	97
90) Benzo(a)pyrene	23.497	252	175506	49.04	ng	#	97
91) Dibenzo(a,h)anthracene	25.838	278	180308	51.42	ng	#	94
92) Benzo(g,h,i)perylene	26.509	276	173554	50.32	ng	#	92

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

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