Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028496.D
Acq On : 21 Jan 2021 19:54
Operator : CG/JU
Sample : M1179-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HS-TP3MSD

Quant Time: Jan 21 23:34:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	32911	20.00	ng		-0.02
21) Naphthalene-d8	10.834	136	128853	20.00	ng		#-0.02
39) Acenaphthene-d10	14.663	164	71335	20.00	ng		-0.01
64) Phenanthrene-d10	17.386	188	139481	20.00	ng		#-0.02
76) Chrysene-d12	21.521	240	132938	20.00	ng		#-0.01
86) Perylene-d12	23.803	264	134270	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	208703	100.17	ng		-0.01
7) Phenol-d6	7.181	99	265265	93.51	ng		0.00
23) Nitrobenzene-d5	9.192	82	169156	62.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.145	330	92250	97.60	ng		-0.01
45) 2-Fluorobiphenyl	13.286	172	347024	61.03	ng		-0.01
79) Terphenyl-d14	19.980	244	414239	56.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	28391	33.97	ng	#	67
3) Pyridine	3.752	79	81494	35.22	ng	#	50
4) n-Nitrosodimethylamine	3.657	42	50808	38.18	ng	#	57
6) Aniline	7.340	93	54234	17.64	ng		98
8) 2-Chlorophenol	7.575	128	98886	42.69	ng		98
9) Benzaldehyde	7.146	77	60460	40.96	ng		83
10) Phenol	7.204	94	121425	45.42	ng		87
11) bis(2-Chloroethyl)ether	7.434	93	89424	41.48	ng		91
12) 1,3-Dichlorobenzene	7.904	146	109987	40.23	ng	#	91
13) 1,4-Dichlorobenzene	8.051	146	110983	40.15	ng		98
14) 1,2-Dichlorobenzene	8.375	146	105312	39.71	ng		98
15) Benzyl Alcohol	8.263	79	82573	41.78	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.557	45	143660	36.92	ng		70
17) 2-Methylphenol	8.469	107	79156	42.76	ng	#	88
18) Hexachloroethane	9.104	117	41193	39.59	ng		90
19) n-Nitroso-di-n-propyla...	8.834	70	68358	40.47	ng	#	65
20) 3+4-Methylphenols	8.798	107	106200	42.77	ng		91
22) Acetophenone	8.851	105	136842	40.96	ng	#	89
24) Nitrobenzene	9.239	77	104693	39.92	ng	#	86
25) Isophorone	9.763	82	179518	43.13	ng		96
26) 2-Nitrophenol	9.951	139	52744	44.44	ng	#	82
27) 2,4-Dimethylphenol	10.004	122	83295	48.27	ng		89
28) bis(2-Chloroethoxy)met...	10.239	93	114909	39.11	ng		98
29) 2,4-Dichlorophenol	10.481	162	86916	42.21	ng		99
30) 1,2,4-Trichlorobenzene	10.698	180	95185	38.92	ng		97
31) Naphthalene	10.886	128	295743	40.62	ng		99
32) Benzoic acid	10.151	122	62602	40.31	ng	#	85
33) 4-Chloroaniline	10.992	127	35596	11.77	ng	#	92
34) Hexachlorobutadiene	11.163	225	54684	37.47	ng		99
35) Caprolactam	11.792	113	26889	40.35	ng	#	55
36) 4-Chloro-3-methylphenol	12.116	107	90015	42.04	ng		94
37) 2-Methylnaphthalene	12.492	142	206545	41.16	ng		96
38) 1-Methylnaphthalene	12.710	142	192943	40.52	ng		99
40) 1,2,4,5-Tetrachloroben...	12.857	216	98094	41.69	ng		98
41) Hexachlorocyclopentadiene	12.833	237	118645	107.94	ng		98
43) 2,4,6-Trichlorophenol	13.098	196	65333	41.40	ng		97

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44) 2,4,5-Trichlorophenol	13.169	196	70398	43.10	ng	#	98
46) 1,1'-Biphenyl	13.498	154	251131	41.25	ng		98
47) 2-Chloronaphthalene	13.545	162	195277	39.25	ng		98
48) 2-Nitroaniline	13.745	65	59732	38.29	ng		86
49) Acenaphthylene	14.386	152	307174	41.61	ng		99
50) Dimethylphthalate	14.122	163	239226	40.79	ng		99
51) 2,6-Dinitrotoluene	14.239	165	52452	42.04	ng		89
52) Acenaphthene	14.727	154	185357	40.44	ng		98
53) 3-Nitroaniline	14.569	138	25991	18.48	ng		90
54) 2,4-Dinitrophenol	14.780	184	60490	81.41	ng		91
55) Dibenzofuran	15.057	168	285411	40.49	ng		99
56) 4-Nitrophenol	14.874	139	96199	86.87	ng	#	77
57) 2,4-Dinitrotoluene	15.027	165	70780	42.59	ng		90
58) Fluorene	15.704	166	233764	40.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.280	232	61036	42.28	ng		94
60) Diethylphthalate	15.474	149	233960	39.30	ng		99
61) 4-Chlorophenyl-phenyle...	15.692	204	110857	38.97	ng		95
62) 4-Nitroaniline	15.727	138	53210	34.75	ng	#	81
63) Azobenzene	15.986	77	224835	40.22	ng		91
65) 4,6-Dinitro-2-methylph...	15.786	198	39790	45.92	ng		81
66) n-Nitrosodiphenylamine	15.910	169	200381	42.90	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	67434	40.82	ng		94
68) Hexachlorobenzene	16.698	284	76614	39.91	ng		97
69) Atrazine	16.851	200	56413	40.74	ng		97
70) Pentachlorophenol	17.039	266	96865	92.59	ng		99
71) Phenanthrene	17.433	178	348022	40.57	ng		100
72) Anthracene	17.521	178	358937	43.32	ng		99
73) Carbazole	17.792	167	326671	41.57	ng		100
74) Di-n-butylphthalate	18.339	149	404577	42.79	ng	#	98
75) Fluoranthene	19.427	202	393665	40.86	ng		97
77) Benzidine	19.604	184	142540	47.68	ng		99
78) Pyrene	19.786	202	397150	41.67	ng		99
80) Butylbenzylphthalate	20.662	149	178155	42.39	ng		97
81) Benzo(a)anthracene	21.503	228	374556	40.80	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	79454	26.93	ng	#	97
83) Chrysene	21.556	228	363152	40.98	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	261275	43.97	ng		97
85) Di-n-octyl phthalate	22.309	149	446641	44.45	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.138	276	438715	43.85	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	389495	42.73	ng	#	97
89) Benzo(k)fluoranthene	23.162	252	369606	41.53	ng	#	96
90) Benzo(a)pyrene	23.709	252	351115	41.57	ng	#	97
91) Dibenzo(a,h)anthracene	26.144	278	368979	44.58	ng	#	94
92) Benzo(g,h,i)perylene	26.850	276	368177	45.23	ng	#	92

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

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