Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028572.D
Acq On : 27 Jan 2021 16:43
Operator : CG/JU
Sample : M1236-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS1419LNMS

Quant Time: Jan 27 18:04:45 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 27 13:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	27506	20.00	ng		0.00
21) Naphthalene-d8	10.780	136	108140	20.00	ng	#	0.00
39) Acenaphthene-d10	14.616	164	60907	20.00	ng		0.00
64) Phenanthrene-d10	17.345	188	119808	20.00	ng	#	0.00
76) Chrysene-d12	21.486	240	115187	20.00	ng	#	0.00
86) Perylene-d12	23.750	264	116988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	149401	85.80	ng		0.00
7) Phenol-d6	7.175	99	190495	80.35	ng		-0.01
23) Nitrobenzene-d5	9.145	82	117455	51.52	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	67916	84.16	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	243058	50.07	ng		0.00
79) Terphenyl-d14	19.945	244	295743	46.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	23652	33.86	ng	#	69
3) Pyridine	3.716	79	67347	34.82	ng	#	54
4) n-Nitrosodimethylamine	3.622	42	40499	36.42	ng	#	63
6) Aniline	7.292	93	57014	22.19	ng		96
8) 2-Chlorophenol	7.545	128	86314	44.58	ng		96
9) Benzaldehyde	7.098	77	41551	33.68	ng		84
10) Phenol	7.204	94	103764	46.44	ng		86
11) bis(2-Chloroethyl)ether	7.392	93	77446	42.98	ng		92
12) 1,3-Dichlorobenzene	7.851	146	94422	41.33	ng	#	92
13) 1,4-Dichlorobenzene	8.004	146	96305	41.68	ng		97
14) 1,2-Dichlorobenzene	8.322	146	91875	41.45	ng		98
15) Benzyl Alcohol	8.222	79	69925	42.33	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.504	45	117876	36.25	ng		71
17) 2-Methylphenol	8.457	107	68327	44.16	ng	#	89
18) Hexachloroethane	9.051	117	34931	40.17	ng		90
19) n-Nitroso-di-n-propyla...	8.787	70	58597	41.50	ng	#	65
20) 3+4-Methylphenols	8.787	107	91557	44.12	ng		90
22) Acetophenone	8.804	105	118094	42.12	ng	#	86
24) Nitrobenzene	9.186	77	87948	39.96	ng	#	86
25) Isophorone	9.716	82	154892	44.34	ng		94
26) 2-Nitrophenol	9.898	139	45686	45.87	ng	#	83
27) 2,4-Dimethylphenol	9.981	122	72979	50.39	ng		91
28) bis(2-Chloroethoxy)met...	10.192	93	98074	39.78	ng		98
29) 2,4-Dichlorophenol	10.463	162	76357	44.19	ng		100
30) 1,2,4-Trichlorobenzene	10.645	180	82095	39.99	ng		100
31) Naphthalene	10.833	128	256082	41.91	ng		99
32) Benzoic acid	10.151	122	51001	39.13	ng	#	85
33) 4-Chloroaniline	10.951	127	46783	18.43	ng		93
34) Hexachlorobutadiene	11.104	225	46991	38.37	ng		98
35) Caprolactam	11.751	113	24035	42.97	ng	#	68
36) 4-Chloro-3-methylphenol	12.116	107	79257	44.11	ng		94
37) 2-Methylnaphthalene	12.439	142	177255	42.08	ng		95
38) 1-Methylnaphthalene	12.663	142	166975	41.78	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	84986	42.31	ng		99
41) Hexachlorocyclopentadiene	12.780	237	96024	102.32	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	57819	42.91	ng		100

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44) 2,4,5-Trichlorophenol	13.169	196	62635	44.92	ng		97
46) 1,1'-Biphenyl	13.451	154	217846	41.91	ng		99
47) 2-Chloronaphthalene	13.498	162	169017	39.79	ng		99
48) 2-Nitroaniline	13.710	65	52090	39.11	ng	#	85
49) Acenaphthylene	14.339	152	269835	42.81	ng		100
50) Dimethylphthalate	14.074	163	209734	41.89	ng		100
51) 2,6-Dinitrotoluene	14.198	165	46428	43.59	ng		90
52) Acenaphthene	14.680	154	162187	41.44	ng		99
53) 3-Nitroaniline	14.527	138	27400	22.82	ng		90
54) 2,4-Dinitrophenol	14.745	184	55126	86.89	ng		89
55) Dibenzofuran	15.015	168	250036	41.54	ng		98
56) 4-Nitrophenol	14.910	139	82487	87.24	ng	#	76
57) 2,4-Dinitrotoluene	14.986	165	63915	45.05	ng		90
58) Fluorene	15.663	166	204967	41.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	53775	43.62	ng		96
60) Diethylphthalate	15.433	149	207847	40.89	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	97795	40.26	ng		95
62) 4-Nitroaniline	15.692	138	49231	37.66	ng	#	81
63) Azobenzene	15.945	77	194231	40.70	ng		91
65) 4,6-Dinitro-2-methylph...	15.745	198	36178	48.60	ng		79
66) n-Nitrosodiphenylamine	15.868	169	178855	44.58	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	59590	42.00	ng		95
68) Hexachlorobenzene	16.657	284	68241	41.39	ng		96
69) Atrazine	16.810	200	50984	42.87	ng		98
70) Pentachlorophenol	17.009	266	78391	87.23	ng		99
71) Phenanthrene	17.392	178	311369	42.26	ng		99
72) Anthracene	17.480	178	323377	45.44	ng		99
73) Carbazole	17.751	167	293662	43.51	ng		99
74) Di-n-butylphthalate	18.298	149	353929	43.58	ng		99
75) Fluoranthene	19.386	202	352607	42.61	ng		96
77) Benzidine	19.568	184	158276	61.10	ng		99
78) Pyrene	19.745	202	356617	43.18	ng		99
80) Butylbenzylphthalate	20.627	149	157337	43.21	ng		96
81) Benzo(a)anthracene	21.474	228	332221	41.77	ng		100
82) 3,3'-Dichlorobenzidine	21.403	252	61860	24.20	ng	#	98
83) Chrysene	21.521	228	324053	42.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	227072	44.10	ng	#	97
85) Di-n-octyl phthalate	22.268	149	394332	45.30	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.062	276	386889	44.39	ng	#	89
88) Benzo(b)fluoranthene	23.074	252	341965	43.06	ng	#	97
89) Benzo(k)fluoranthene	23.115	252	334789	43.17	ng	#	96
90) Benzo(a)pyrene	23.656	252	311231	42.29	ng	#	96
91) Dibenzo(a,h)anthracene	26.068	278	327305	45.39	ng	#	93
92) Benzo(g,h,i)perylene	26.768	276	324923	45.81	ng	#	91

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

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