Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028329.D
Acq On : 01 Jan 2021 09:22
Operator : JU/CG
Sample : L5123-17MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TT180D1-20201214MSD

Quant Time: Jan 01 22:56:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 16:18:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	706	0.40	ng		0.00
7) Naphthalene-d8	10.959	136	2864	0.40	ng		0.00
13) Acenaphthene-d10	14.764	164	1522	0.40	ng		0.00
19) Phenanthrene-d10	17.481	188	3071	0.40	ng	#	0.00
27) Chrysene-d12	21.601	240	3091	0.40	ng	#	-0.01
34) Perylene-d12	23.927	264	2993	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.638	112	230	0.10	ng		0.00
5) Phenol-d6	7.273	99	178	0.05	ng		0.00
8) Nitrobenzene-d5	9.299	82	705	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.531	152	1304	0.26	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	198	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	1743	0.27	ng		0.00
25) Fluoranthene-d10	19.486	212	3253	0.34	ng		0.00
29) Terphenyl-d14	20.061	244	3027	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	1926	1.94	ng		87
3) n-Nitrosodimethylamine	3.762	42	178	0.12	ng	#	96
6) bis(2-Chloroethyl)ether	7.547	93	750	0.33	ng		96
9) Naphthalene	10.997	128	2452	0.30	ng		97
10) Hexachlorobutadiene	11.289	225	376	0.24	ng	#	99
12) 2-Methylnaphthalene	12.602	142	1635	0.29	ng		96
16) Acenaphthylene	14.481	152	2078	0.31	ng		99
17) Acenaphthene	14.824	154	1487	0.30	ng		96
18) Fluorene	15.794	166	1898	0.30	ng		99
20) Hexachlorobenzene	16.790	284	640	0.30	ng		94
21) Atrazine	19.511	200	772	0.37	ng	#	36
22) Pentachlorophenol	17.130	266	564	0.65	ng		97
23) Phenanthrene	17.523	178	3360	0.35	ng		99
24) Anthracene	17.608	178	2882	0.34	ng		98
26) Fluoranthene	19.511	202	3904	0.37	ng	#	96
28) Pyrene	19.874	202	4005	0.38	ng		98
30) Benzo(a)anthracene	21.590	228	4018	0.39	ng		96
31) Chrysene	21.632	228	4124	0.39	ng		99
32) Bis(2-ethylhexyl)phtha...	21.494	149	2547	0.52	ng		95
33) Indeno(1,2,3-cd)pyrene	26.306	276	4584	0.39	ng	#	90
35) Benzo(b)fluoranthene	23.222	252	4372	0.39	ng	#	91
36) Benzo(k)fluoranthene	23.267	252	4089	0.39	ng	#	89
37) Benzo(a)pyrene	23.825	252	3583	0.38	ng	#	88
38) Dibenzo(a,h)anthracene	26.313	278	3978	0.39	ng	#	89
39) Benzo(g,h,i)perylene	27.035	276	3987	0.39	ng	#	87

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

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