Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101252.D
Acq On : 8 Apr 2021 18:37
Operator : CG/JU
Sample : M1966-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-123RMS

Quant Time: Apr 09 01:30:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	2049	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	8679	0.40	ng		# 0.00
13) Acenaphthene-d10	14.443	164	8018	0.40	ng		0.00
19) Phenanthrene-d10	17.195	188	12048	0.40	ng		#-0.01
29) Chrysene-d12	21.354	240	12619	0.40	ng		# 0.00
36) Perylene-d12	23.838	264	11528	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.420	112	1598	0.33	ng		0.00
5) Phenol-d6	6.998	99	1014	0.13	ng		0.00
8) Nitrobenzene-d5	8.978	82	3030	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	6192	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.955	330	855	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.075	172	7768	0.27	ng		0.00
27) Fluoranthene-d10	19.238	212	56296	0.27	ng		0.02
31) Terphenyl-d14	19.812	244	15137	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	1061	0.34	ng	#	78
3) n-Nitrosodimethylamine	3.669	42	1284	0.39	ng	#	42
6) bis(2-Chloroethyl)ether	7.251	93	2636	0.38	ng		78
9) Naphthalene	10.667	128	188971	2.00	ng		100
10) Hexachlorobutadiene	10.953	225	1265	0.30	ng		99
12) 2-Methylnaphthalene	12.268	142	8375	0.49	ng		96
16) Acenaphthylene	14.169	152	73084	2.34	ng		97
17) Acenaphthene	14.515	154	29913	1.28	ng		97
18) Fluorene	15.502	166	37360	1.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.577	198	612	0.51	ng	#	1
21) 4-Bromophenyl-phenylether	16.394	248	2466	0.41	ng	#	32
22) Hexachlorobenzene	16.515	284	2126	0.35	ng		99
23) Atrazine	16.681	200	2350	0.58	ng	#	71
24) Pentachlorophenol	16.863	266	1397	0.63	ng		95
25) Phenanthrene	17.241	178	110423	3.09	ng		99
26) Anthracene	17.331	178	30522	1.00	ng	#	94
28) Fluoranthene	19.261	202	50186	1.08	ng		99
30) Pyrene	19.611	202	42562	0.93	ng		97
32) Benzo(a)anthracene	21.342	228	17791	0.50	ng	#	91
33) Chrysene	21.390	228	17190	0.41	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.281	149	37760	1.47	ng		99
35) Indeno(1,2,3-cd)pyrene	26.444	276	15402	0.50	ng		100
37) Benzo(b)fluoranthene	23.075	252	15295	0.41	ng	#	87
38) Benzo(k)fluoranthene	23.125	252	14806	0.35	ng	#	86
39) Benzo(a)pyrene	23.724	252	13250	0.41	ng	#	85
40) Dibenzo(a,h)anthracene	26.469	278	12033	0.39	ng	#	89
41) Benzo(g,h,i)perylene	27.240	276	13515	0.40	ng	#	92

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

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