Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016281.D
Acq On : 10 Sep 2021 06:56
Operator : CG/JU
Sample : M3561-23MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VE4-11MS

Manual Integrations APPROVED
mohammad
9/10/2021 3:24:09 PM

Quant Time: Sep 10 08:07:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	12680	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	64669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	49445	0.400	ng	-0.01
19) Phenanthrene-d10	17.249	188	85631	0.400	ng	# 0.01
29) Chrysene-d12	21.450	240	90509	0.400	ng	# 0.02
35) Perylene-d12	23.840	264	54245	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	5764	0.178	ng	0.00
5) Phenol-d6	7.043	99	4684	0.116	ng	0.00
8) Nitrobenzene-d5	9.012	82	18828	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	35196	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	7470	0.368	ng	0.01
15) 2-Fluorobiphenyl	13.114	172	50206	0.259	ng	0.00
27) Fluoranthene-d10	19.291	212	77662	0.309	ng	0.02
31) Terphenyl-d14	19.882	244	87289	0.384	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	942	0.209	ng	# 36
6) bis(2-Chloroethyl)ether	7.292	93	11700	0.351	ng	97
9) Naphthalene	10.711	128	59244	0.343	ng	# 94
10) Hexachlorobutadiene	10.990	225	10421	0.296	ng	# 100
12) 2-Methylnaphthalene	12.318	142	45163	0.388	ng	# 92
16) Acenaphthylene	14.205	152	72994	0.330	ng	# 83
17) Acenaphthene	14.548	154	37146	0.259	ng	97
18) Fluorene	15.537	166	50237	0.283	ng	93
20) 4,6-Dinitro-2-methylph...	15.626	198	3464	0.927	ng	# 1
21) 4-Bromophenyl-phenylether	16.433	248	15407	0.336	ng	# 49
22) Hexachlorobenzene	16.555	284	15912	0.290	ng	# 83
23) Atrazine	16.713	200	11491	0.273	ng	# 1
24) Pentachlorophenol	16.920	266	22665	1.917	ng	99
25) Phenanthrene	17.285	178	84946m	0.342	ng	
26) Anthracene	17.383	178	159161	0.696	ng	96
28) Fluoranthene	19.321	202	99208	0.340	ng	96
30) Pyrene	19.683	202	130883	0.427	ng	95
32) Benzo(a)anthracene	21.429	228	98184	0.348	ng	# 64
33) Chrysene	21.482	228	101320	0.362	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.355	149	85097	0.490	ng	98
36) Indeno(1,2,3-cd)pyrene	26.315	276	35866	0.397	ng	99
37) Benzo(b)fluoranthene	23.111	252	85845	0.410	ng	# 73
38) Benzo(k)fluoranthene	23.156	252	79652	0.427	ng	# 73
39) Benzo(a)pyrene	23.734	252	57797	0.371	ng	# 68
40) Dibenzo(a,h)anthracene	26.329	278	30667	0.444	ng	# 77
41) Benzo(g,h,i)perylene	27.075	276	25198	0.336	ng	# 82

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

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