Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016366.D
Acq On : 21 Sep 2021 05:33
Operator : CG/JU
Sample : M3770-05MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

Manual Integrations APPROVED
mohammad
9/21/2021 11:30:51 AM

Quant Time: Sep 21 06:07:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	26027	0.400	ng		0.00
7) Naphthalene-d8	10.458	136	109854	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	73644	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	140325	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	145019	0.400	ng	#	0.00
35) Perylene-d12	23.522	264	159413	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	16841	0.258	ng		0.02
5) Phenol-d6	6.868	99	31839	0.402	ng		0.00
8) Nitrobenzene-d5	8.823	82	43769m	0.671	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	67808m	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	6788	0.314	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	64935	0.225	ng		-0.01
27) Fluoranthene-d10	19.093	212	98475	0.242	ng		0.00
31) Terphenyl-d14	19.708	244	86979	0.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	5229m	0.483	ng		
3) n-Nitrosodimethylamine	3.632	42	8294	0.335	ng	#	81
6) bis(2-Chloroethyl)ether	7.126	93	28999	0.411	ng	#	19
9) Naphthalene	10.496	128	1984660	6.705	ng		98
10) Hexachlorobutadiene	10.787	225	27390	0.487	ng	#	99
12) 2-Methylnaphthalene	12.114	142	241025	1.228	ng		98
16) Acenaphthylene	14.015	152	101823	0.297	ng	#	93
17) Acenaphthene	14.370	154	79089	0.372	ng		96
18) Fluorene	15.360	166	111212	0.422	ng	#	94
20) 4,6-Dinitro-2-methylph...	15.411	198	528	0.222	ng	#	1
21) 4-Bromophenyl-phenylether	16.251	248	23028	0.280	ng	#	59
22) Hexachlorobenzene	16.361	284	23796	0.307	ng	#	86
23) Atrazine	16.543	200	28766	0.383	ng	#	84
24) Pentachlorophenol	16.713	266	22305	0.854	ng		96
25) Phenanthrene	17.091	178	756684m	1.908	ng		
26) Anthracene	17.188	178	261973	0.682	ng		96
28) Fluoranthene	19.128	202	1558989	3.413	ng		99
30) Pyrene	19.490	202	1400788	3.054	ng	#	94
32) Benzo(a)anthracene	21.238	228	1036214	2.224	ng		97
33) Chrysene	21.291	228	988013m	2.192	ng		
34) Bis(2-ethylhexyl)phtha...	21.196	149	2833944	11.278	ng		100
36) Indeno(1,2,3-cd)pyrene	25.816	276	752684	1.462	ng		97
37) Benzo(b)fluoranthene	22.841	252	1529842	3.022	ng		98
38) Benzo(k)fluoranthene	22.882	252	590258m	1.211	ng		
39) Benzo(a)pyrene	23.423	252	1075047	2.348	ng		98
40) Dibenzo(a,h)anthracene	25.836	278	284499	0.651	ng	#	93
41) Benzo(g,h,i)perylene	26.521	276	661689	1.521	ng		97

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

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