Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016333.D
Acq On : 18 Sep 2021 13:56
Operator : CG/JU
Sample : M3750-05MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : NAPL-AREA-03-(10-12)-END-POINT

Quant Time: Sep 20 00:57:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	28402	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	131066	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	72485	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	141614	0.400	ng	-0.01
29) Chrysene-d12	21.259	240	151687	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	156819	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	19201	0.269	ng	0.03
5) Phenol-d6	6.877	99	22453	0.260	ng	0.00
8) Nitrobenzene-d5	8.822	82	20285	0.260	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	55329	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	7484	0.352	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	64519	0.227	ng	0.00
27) Fluoranthene-d10	19.098	212	139796	0.341	ng	0.00
31) Terphenyl-d14	19.708	244	111867	0.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	7650	0.648	ng	# 90
3) n-Nitrosodimethylamine	3.631	42	10741	0.398	ng	# 80
6) bis(2-Chloroethyl)ether	7.126	93	29668	0.386	ng	95
9) Naphthalene	10.508	128	120752	0.342	ng	100
10) Hexachlorobutadiene	10.799	225	23115	0.344	ng	# 99
12) 2-Methylnaphthalene	12.123	142	81876	0.350	ng	99
16) Acenaphthylene	14.028	152	109087	0.323	ng	99
17) Acenaphthene	14.370	154	69816	0.334	ng	100
18) Fluorene	15.360	166	87226	0.336	ng	98
20) 4,6-Dinitro-2-methylph...	15.449	198	1341	0.333	ng	# 74
21) 4-Bromophenyl-phenylether	16.263	248	28387	0.343	ng	99
22) Hexachlorobenzene	16.360	284	27170	0.347	ng	# 92
23) Atrazine	16.543	200	24852	0.328	ng	97
24) Pentachlorophenol	16.713	266	14224	0.540	ng	98
25) Phenanthrene	17.103	178	141445	0.353	ng	99
26) Anthracene	17.188	178	134198	0.346	ng	99
28) Fluoranthene	19.127	202	167967	0.364	ng	99
30) Pyrene	19.490	202	173478	0.362	ng	99
32) Benzo(a)anthracene	21.249	228	175860	0.361	ng	99
33) Chrysene	21.302	228	173231	0.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	128249	0.488	ng	99
36) Indeno(1,2,3-cd)pyrene	25.822	276	199726	0.394	ng	99
37) Benzo(b)fluoranthene	22.841	252	186411	0.374	ng	100
38) Benzo(k)fluoranthene	22.889	252	182585	0.381	ng	# 96
39) Benzo(a)pyrene	23.423	252	176177	0.391	ng	98
40) Dibenzo(a,h)anthracene	25.843	278	170322	0.396	ng	96
41) Benzo(g,h,i)perylene	26.524	276	161400	0.377	ng	95

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

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