Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029158.D
Acq On : 21 Dec 2023 19:44
Operator : MA/JU
Sample : 05720-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS

Quant Time: Dec 25 01:25:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	55624	20.000	ng		0.00
7) Naphthalene-d8	10.573	136	105404	20.000	ng		#-0.01
13) Acenaphthene-d10	14.426	164	54769	20.000	ng		0.00
19) Phenanthrene-d10	17.181	188	85162	20.000	ng		# 0.00
29) Chrysene-d12	21.385	240	33368	20.000	ng		# 0.00
35) Perylene-d12	23.712	264	48322	20.000	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	541	0.203	ng		0.00
5) Phenol-d6	6.995	99	672	0.230	ng		0.00
8) Nitrobenzene-d5	8.961	82	620	0.226	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	1070	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	130	0.136	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1414	0.221	ng		0.00
27) Fluoranthene-d10	19.220	212	647	0.157	ng		0.00
31) Terphenyl-d14	19.833	244	427	0.233	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	258	0.246	ng	#	67
3) n-Nitrosodimethylamine	3.673	42	236	0.328	ng	#	78
6) bis(2-Chloroethyl)ether	7.241	93	620	0.273	ng		97
9) Naphthalene	10.626	128	1794	0.261	ng		99
10) Hexachlorobutadiene	10.893	225	546	0.242	ng	#	100
12) 2-Methylnaphthalene	12.246	142	1226	0.273	ng		98
16) Acenaphthylene	14.148	152	2058	0.267	ng		99
17) Acenaphthene	14.490	154	1181	0.255	ng		98
18) Fluorene	15.484	166	1564	0.251	ng		97
20) 4,6-Dinitro-2-methylph...	15.580	198	91	3.251	ng		95
21) 4-Bromophenyl-phenylether	16.387	248	484	0.275	ng		96
22) Hexachlorobenzene	16.474	284	500	0.244	ng		98
23) Atrazine	16.672	200	375	0.254	ng		99
24) Pentachlorophenol	16.846	266	60	0.049	ng	#	84
25) Phenanthrene	17.218	178	2056	0.293	ng		97
26) Anthracene	17.318	178	1892	0.279	ng		98
28) Fluoranthene	19.252	202	1591	0.219	ng		99
30) Pyrene	19.615	202	1586	0.302	ng		98
32) Benzo(a)anthracene	21.376	228	1321	0.360	ng		98
33) Chrysene	21.420	228	1046	0.288	ng		100
36) Indeno(1,2,3-cd)pyrene	26.081	276	1906	0.306	ng	#	95
37) Benzo(b)fluoranthene	23.011	252	1293	0.263	ng		98
38) Benzo(k)fluoranthene	23.052	252	1218	0.253	ng		95
39) Benzo(a)pyrene	23.604	252	1181	0.269	ng		95
40) Dibenzo(a,h)anthracene	26.116	278	1441	0.301	ng		96
41) Benzo(g,h,i)perylene	26.817	276	1529	0.290	ng		98

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

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