Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029159.D
Acq On : 21 Dec 2023 20:19
Operator : MA/JU
Sample : 05720-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 50

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

Quant Time: Dec 25 01:26:05 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	55453	20.000	ng		0.00
7) Naphthalene-d8	10.573	136	104049	20.000	ng		#-0.01
13) Acenaphthene-d10	14.425	164	55075	20.000	ng		0.00
19) Phenanthrene-d10	17.181	188	87860	20.000	ng		# 0.00
29) Chrysene-d12	21.384	240	33469	20.000	ng		# 0.00
35) Perylene-d12	23.712	264	47493	20.000	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	550	0.207	ng		0.00
5) Phenol-d6	6.995	99	683	0.234	ng		0.00
8) Nitrobenzene-d5	8.961	82	579	0.213	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1088	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	144	0.150	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1432	0.223	ng		0.00
27) Fluoranthene-d10	19.220	212	664	0.156	ng		0.00
31) Terphenyl-d14	19.828	244	450	0.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	272	0.260	ng	#	43
3) n-Nitrosodimethylamine	3.680	42	219	0.305	ng	#	61
6) bis(2-Chloroethyl)ether	7.240	93	641	0.283	ng		92
9) Naphthalene	10.626	128	1875	0.277	ng		98
10) Hexachlorobutadiene	10.893	225	544	0.244	ng	#	99
12) 2-Methylnaphthalene	12.242	142	1223	0.276	ng		98
16) Acenaphthylene	14.147	152	2091	0.269	ng		97
17) Acenaphthene	14.490	154	1215	0.261	ng		94
18) Fluorene	15.484	166	1694	0.270	ng		99
20) 4,6-Dinitro-2-methylph...	15.592	198	101	3.259	ng		90
21) 4-Bromophenyl-phenylether	16.386	248	513	0.282	ng		97
22) Hexachlorobenzene	16.473	284	521	0.246	ng	#	76
23) Atrazine	16.672	200	386	0.253	ng		98
24) Pentachlorophenol	16.846	266	63	0.050	ng	#	82
25) Phenanthrene	17.218	178	2193	0.302	ng		97
26) Anthracene	17.317	178	1947	0.278	ng		99
28) Fluoranthene	19.252	202	1662	0.222	ng		99
30) Pyrene	19.615	202	1617	0.307	ng		98
32) Benzo(a)anthracene	21.375	228	1310	0.356	ng		98
33) Chrysene	21.420	228	1034	0.284	ng		99
36) Indeno(1,2,3-cd)pyrene	26.080	276	1867	0.305	ng	#	80
37) Benzo(b)fluoranthene	23.005	252	1322	0.274	ng		96
38) Benzo(k)fluoranthene	23.052	252	1186	0.251	ng		95
39) Benzo(a)pyrene	23.604	252	1234	0.286	ng		94
40) Dibenzo(a,h)anthracene	26.110	278	1462	0.311	ng		95
41) Benzo(g,h,i)perylene	26.814	276	1533	0.296	ng		98

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

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