Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029452.D
Acq On : 31 Jan 2024 16:58
Operator : MA/JU
Sample : 03572-03
Misc : MDL-MDL-SOIL-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 01 01:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.891	152	3469	0.400	ng		-0.01
7) Naphthalene-d8	10.690	136	9299	0.400	ng		-0.01
13) Acenaphthene-d10	14.532	164	4146	0.400	ng		-0.01
19) Phenanthrene-d10	17.280	188	7979	0.400	ng		#-0.01
29) Chrysene-d12	21.492	240	5861	0.400	ng		# 0.00
35) Perylene-d12	23.876	264	6088	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	3107	0.373	ng		-0.01
5) Phenol-d6	7.053	99	3874	0.403	ng		-0.01
8) Nitrobenzene-d5	9.057	82	3002	0.388	ng		-0.01
11) 2-Methylnaphthalene-d10	12.284	152	6723	0.531	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	433	0.326	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6301	0.354	ng		-0.01
27) Fluoranthene-d10	19.322	212	11447	0.592	ng		0.00
31) Terphenyl-d14	19.931	244	4782	0.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	833	0.171	ng		99
3) n-Nitrosodimethylamine	3.716	42	444	0.112	ng	#	93
6) bis(2-Chloroethyl)ether	7.327	93	1101	0.120	ng		97
9) Naphthalene	10.744	128	2861	0.108	ng		95
10) Hexachlorobutadiene	11.021	225	487	0.097	ng	#	100
12) 2-Methylnaphthalene	12.359	142	1571	0.101	ng		95
16) Acenaphthylene	14.255	152	1997	0.101	ng		99
17) Acenaphthene	14.597	154	1289	0.098	ng		98
18) Fluorene	15.580	166	1599	0.096	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	78	0.067	ng	#	12
21) 4-Bromophenyl-phenylether	16.486	248	453	0.095	ng	#	86
22) Hexachlorobenzene	16.585	284	550	0.094	ng		97
23) Atrazine	16.759	200	345	0.102	ng	#	87
24) Pentachlorophenol	16.933	266	121	0.066	ng		97
25) Phenanthrene	17.330	178	2432	0.103	ng		99
26) Anthracene	17.417	178	1930	0.096	ng		100
28) Fluoranthene	19.355	202	2477	0.093	ng		99
30) Pyrene	19.717	202	2487	0.092	ng		99
32) Benzo(a)anthracene	21.474	228	1804	0.090	ng		97
33) Chrysene	21.528	228	2073	0.091	ng		95
34) Bis(2-ethylhexyl)phtha...	21.420	149	1447	0.106	ng		98
36) Indeno(1,2,3-cd)pyrene	26.335	276	2168m	0.089	ng		
37) Benzo(b)fluoranthene	23.151	252	1821	0.084	ng	#	69
38) Benzo(k)fluoranthene	23.204	252	1819	0.080	ng	#	53
39) Benzo(a)pyrene	23.771	252	1628	0.086	ng	#	56
40) Dibenzo(a,h)anthracene	26.373	278	1673m	0.086	ng		
41) Benzo(g,h,i)perylene	27.086	276	1967	0.083	ng	#	84

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

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