Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029496.D
Acq On : 02 Feb 2024 11:43
Operator : MA/JU
Sample : 02213-03
Misc : MDL-MDL-SOIL-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 02 12:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.891	152	4407	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12136	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5586	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10005	0.400	ng		0.00
29) Chrysene-d12	21.483	240	6076	0.400	ng		0.00
35) Perylene-d12	23.865	264	5948	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3855	0.364	ng		0.00
5) Phenol-d6	7.053	99	5013	0.410	ng		0.00
8) Nitrobenzene-d5	9.057	82	4027	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	8978	0.543	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	559	0.312	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8465	0.353	ng		0.00
27) Fluoranthene-d10	19.317	212	13425	0.554	ng		0.00
31) Terphenyl-d14	19.926	244	5334	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1023	0.165	ng		96
3) n-Nitrosodimethylamine	3.716	42	487	0.096	ng	#	82
6) bis(2-Chloroethyl)ether	7.327	93	1394	0.120	ng		99
9) Naphthalene	10.744	128	3837	0.111	ng		97
10) Hexachlorobutadiene	11.021	225	619	0.094	ng	#	98
12) 2-Methylnaphthalene	12.359	142	2129	0.105	ng		99
16) Acenaphthylene	14.255	152	2660	0.100	ng		98
17) Acenaphthene	14.597	154	1710	0.096	ng		98
18) Fluorene	15.580	166	2083	0.093	ng		100
20) 4,6-Dinitro-2-methylph...	15.667	198	117	0.080	ng	#	35
21) 4-Bromophenyl-phenylether	16.486	248	622	0.104	ng	#	77
22) Hexachlorobenzene	16.585	284	713	0.098	ng		99
23) Atrazine	16.759	200	409	0.097	ng	#	88
24) Pentachlorophenol	16.933	266	127	0.055	ng	#	77
25) Phenanthrene	17.330	178	3021	0.102	ng		100
26) Anthracene	17.417	178	2485	0.099	ng		99
28) Fluoranthene	19.350	202	2884	0.087	ng		98
30) Pyrene	19.712	202	2855	0.102	ng		99
32) Benzo(a)anthracene	21.474	228	1860	0.090	ng		95
33) Chrysene	21.519	228	2100	0.089	ng		95
34) Bis(2-ethylhexyl)phtha...	21.420	149	2037	0.144	ng		96
36) Indeno(1,2,3-cd)pyrene	26.335	276	1989	0.083	ng	#	82
37) Benzo(b)fluoranthene	23.145	252	1858	0.087	ng	#	65
38) Benzo(k)fluoranthene	23.195	252	1883	0.085	ng	#	50
39) Benzo(a)pyrene	23.759	252	1612m	0.087	ng		
40) Dibenzo(a,h)anthracene	26.364	278	1545	0.081	ng	#	67
41) Benzo(g,h,i)perylene	27.078	276	1937	0.084	ng	#	85

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

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