Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029469.D
Acq On : 01 Feb 2024 03:47
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-0.1NG
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 01 04:19:27 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-QT4-2023

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	7.898	152	4615	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12506	0.400	ng	#	0.00
13) Acenaphthene-d10	14.532	164	5840	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	11103	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	7455	0.400	ng		0.00
35) Perylene-d12	23.867	264	7550	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4105	0.370	ng		0.00
5) Phenol-d6	7.060	99	5185	0.405	ng		0.00
8) Nitrobenzene-d5	9.057	82	4095	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	9242	0.543	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	612	0.327	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8755	0.349	ng		0.00
27) Fluoranthene-d10	19.322	212	15817	0.588	ng		0.00
31) Terphenyl-d14	19.931	244	6558	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1112	0.171	ng		90
3) n-Nitrosodimethylamine	3.723	42	492	0.093	ng	#	86
6) bis(2-Chloroethyl)ether	7.334	93	1482	0.121	ng		96
9) Naphthalene	10.744	128	3941	0.111	ng		96
10) Hexachlorobutadiene	11.021	225	644	0.095	ng	#	96
12) 2-Methylnaphthalene	12.363	142	2195	0.105	ng		98
16) Acenaphthylene	14.254	152	2741	0.099	ng		98
17) Acenaphthene	14.597	154	1811	0.097	ng		99
18) Fluorene	15.580	166	2250	0.096	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	116	0.071	ng	#	1
21) 4-Bromophenyl-phenylether	16.486	248	631	0.095	ng	#	82
22) Hexachlorobenzene	16.585	284	792	0.098	ng		98
23) Atrazine	16.759	200	454	0.097	ng	#	89
24) Pentachlorophenol	16.933	266	177	0.069	ng		89
25) Phenanthrene	17.330	178	3373	0.103	ng		99
26) Anthracene	17.417	178	2826	0.101	ng		98
28) Fluoranthene	19.350	202	3300	0.089	ng		98
30) Pyrene	19.717	202	3379	0.098	ng		99
32) Benzo(a)anthracene	21.474	228	2348	0.092	ng		98
33) Chrysene	21.519	228	2582	0.089	ng		96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1880	0.108	ng		98
36) Indeno(1,2,3-cd)pyrene	26.329	276	2590m	0.085	ng		
37) Benzo(b)fluoranthene	23.145	252	2268	0.084	ng	#	65
38) Benzo(k)fluoranthene	23.195	252	2559m	0.091	ng		
39) Benzo(a)pyrene	23.762	252	1917	0.081	ng	#	56
40) Dibenzo(a,h)anthracene	26.367	278	1983m	0.082	ng		
41) Benzo(g,h,i)perylene	27.081	276	2306	0.078	ng	#	85

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

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