Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029474.D
Acq On : 01 Feb 2024 06:48
Operator : MA/JU
Sample : P1187-03
Misc : MDL-MDL-SOIL-0.2NG
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2024

Quant Time: Feb 01 08:22:45 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4302	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11739	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5595	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	11228	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	6451	0.400	ng		0.00
35) Perylene-d12	23.867	264	5699	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3741	0.362	ng		0.00
5) Phenol-d6	7.060	99	4380	0.367	ng		0.00
8) Nitrobenzene-d5	9.057	82	3373	0.345	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	8723	0.546	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	591	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8261	0.344	ng		0.00
27) Fluoranthene-d10	19.322	212	14208	0.522	ng		0.00
31) Terphenyl-d14	19.931	244	5708	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1227	0.203	ng		98
3) n-Nitrosodimethylamine	3.716	42	846	0.171	ng	#	97
6) bis(2-Chloroethyl)ether	7.334	93	2146	0.189	ng		99
9) Naphthalene	10.744	128	6453	0.193	ng		98
10) Hexachlorobutadiene	11.021	225	1188	0.187	ng	#	97
12) 2-Methylnaphthalene	12.359	142	3739	0.190	ng		97
16) Acenaphthylene	14.254	152	5368	0.202	ng		99
17) Acenaphthene	14.597	154	3418	0.192	ng		99
18) Fluorene	15.580	166	4210	0.188	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	243	0.147	ng		88
21) 4-Bromophenyl-phenylether	16.486	248	1215	0.182	ng	#	77
22) Hexachlorobenzene	16.585	284	1516	0.185	ng		99
23) Atrazine	16.759	200	925	0.195	ng		97
24) Pentachlorophenol	16.933	266	322	0.124	ng		95
25) Phenanthrene	17.330	178	6382	0.192	ng		99
26) Anthracene	17.417	178	5252	0.186	ng		98
28) Fluoranthene	19.350	202	6550	0.175	ng		99
30) Pyrene	19.712	202	6313	0.213	ng		99
32) Benzo(a)anthracene	21.474	228	4163	0.189	ng		100
33) Chrysene	21.519	228	4647	0.186	ng		100
34) Bis(2-ethylhexyl)phtha...	21.420	149	2828	0.188	ng		98
36) Indeno(1,2,3-cd)pyrene	26.335	276	3863	0.169	ng	#	93
37) Benzo(b)fluoranthene	23.145	252	3859	0.189	ng	#	86
38) Benzo(k)fluoranthene	23.195	252	3795	0.178	ng	#	86
39) Benzo(a)pyrene	23.765	252	3266	0.184	ng	#	81
40) Dibenzo(a,h)anthracene	26.364	278	3009	0.165	ng	#	89
41) Benzo(g,h,i)perylene	27.078	276	3825	0.172	ng		92

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

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