Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033360.D
Acq On : 13 Aug 2024 11:14
Operator : MA/JU
Sample : P3390-03
Misc : MDL-MDL-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

Quant Time: Aug 13 12:23:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	3974	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	10822	0.400	ng	#	0.00
13) Acenaphthene-d10	14.212	164	6144	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	15339	0.400	ng		0.00
29) Chrysene-d12	21.166	240	11804	0.400	ng	#	0.00
35) Perylene-d12	23.352	264	12083	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	2963	0.270	ng		0.00
5) Phenol-d6	6.749	99	4308	0.291	ng		0.00
8) Nitrobenzene-d5	8.704	82	2904	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	11.936	152	8506	0.511	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	838	0.266	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	9031	0.359	ng		0.00
27) Fluoranthene-d10	18.998	212	22075	0.538	ng		0.00
31) Terphenyl-d14	19.615	244	8606	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	689	0.156	ng	#	92
3) n-Nitrosodimethylamine	3.485	42	669	0.118	ng		88
6) bis(2-Chloroethyl)ether	7.009	93	1344	0.112	ng		96
9) Naphthalene	10.381	128	3186	0.107	ng		95
10) Hexachlorobutadiene	10.690	225	602	0.106	ng	#	99
12) 2-Methylnaphthalene	12.008	142	2060	0.102	ng		96
16) Acenaphthylene	13.924	152	2973	0.104	ng		100
17) Acenaphthene	14.266	154	2012	0.102	ng		96
18) Fluorene	15.260	166	2672	0.103	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	160	0.086	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	890	0.097	ng	#	87
22) Hexachlorobenzene	16.276	284	1086	0.106	ng		94
23) Atrazine	16.437	200	655	0.090	ng	#	88
24) Pentachlorophenol	16.611	266	229	0.055	ng		100
25) Phenanthrene	16.995	178	4764	0.108	ng		99
26) Anthracene	17.095	178	3974	0.101	ng		99
28) Fluoranthene	19.030	202	5398	0.099	ng		98
30) Pyrene	19.392	202	5363	0.114	ng		100
32) Benzo(a)anthracene	21.157	228	4330	0.098	ng		97
33) Chrysene	21.201	228	4993	0.112	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	2293	0.114	ng		99
36) Indeno(1,2,3-cd)pyrene	25.521	276	4187	0.084	ng		97
37) Benzo(b)fluoranthene	22.703	252	4524	0.099	ng	#	85
38) Benzo(k)fluoranthene	22.747	252	4443	0.096	ng	#	86
39) Benzo(a)pyrene	23.255	252	3459	0.090	ng	#	76
40) Dibenzo(a,h)anthracene	25.542	278	3170	0.080	ng	#	80
41) Benzo(g,h,i)perylene	26.176	276	3731	0.085	ng	#	89

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

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