Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024281.D
Acq On : 14 Mar 2023 15:26
Operator : CG/JU
Sample : 01627-01
Misc : LOD-MDL-SOIL 0.1ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 15 01:55:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	8380	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	24291	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	11843	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	24174	0.400	ng		0.00
29) Chrysene-d12	21.610	240	17279	0.400	ng	#	0.00
35) Perylene-d12	24.126	264	14995	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6136	0.331	ng		0.00
5) Phenol-d6	7.195	99	7893	0.331	ng		0.00
8) Nitrobenzene-d5	9.211	82	5205	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	11731	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1546	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14001	0.313	ng		0.00
27) Fluoranthene-d10	19.450	212	20059	0.391	ng		0.00
31) Terphenyl-d14	20.043	244	8539	0.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	900	0.099	ng		95
3) n-Nitrosodimethylamine	3.764	42	1273	0.095	ng	#	94
6) bis(2-Chloroethyl)ether	7.462	93	2202	0.093	ng		97
9) Naphthalene	10.909	128	5518	0.089	ng		96
10) Hexachlorobutadiene	11.197	225	1080	0.092	ng	#	99
12) 2-Methylnaphthalene	12.516	142	3377	0.081	ng		98
16) Acenaphthylene	14.397	152	4554	0.081	ng		99
17) Acenaphthene	14.740	154	2948	0.082	ng		95
18) Fluorene	15.725	166	3423	0.080	ng		99
20) 4,6-Dinitro-2-methylph...	15.799	198	127	0.206	ng	#	1
21) 4-Bromophenyl-phenylether	16.606	248	1089	0.076	ng	#	72
22) Hexachlorobenzene	16.730	284	1542	0.087	ng		98
23) Atrazine	16.867	200	703	0.077	ng	#	83
24) Pentachlorophenol	17.065	266	273	0.154	ng		98
25) Phenanthrene	17.463	178	5863	0.082	ng		98
26) Anthracene	17.549	178	4830	0.073	ng		99
28) Fluoranthene	19.480	202	6110	0.078	ng		98
30) Pyrene	19.842	202	6120	0.087	ng		100
32) Benzo(a)anthracene	21.592	228	4626	0.080	ng		97
33) Chrysene	21.655	228	5134	0.083	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	2248	0.083	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.754	276	4272	0.076	ng		98
37) Benzo(b)fluoranthene	23.357	252	4857	0.083	ng	#	69
38) Benzo(k)fluoranthene	23.410	252	4489	0.075	ng	#	68
39) Benzo(a)pyrene	24.012	252	3751	0.070	ng	#	54
40) Dibenzo(a,h)anthracene	26.778	278	3092	0.071	ng	#	73
41) Benzo(g,h,i)perylene	27.573	276	3942	0.078	ng		91

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

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