

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024277.D
 Acq On : 14 Mar 2023 12:32
 Operator : CG/JU
 Sample : 01627-02
 Misc : LOQ-SOIL-0.1ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 15 01:54:00 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8253	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	24156	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	12300	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	25091	0.400	ng	0.00
29) Chrysene-d12	21.619	240	19334	0.400	ng	0.00
35) Perylene-d12	24.114	264	16637	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	6203	0.339	ng	0.00
5) Phenol-d6	7.195	99	8016	0.341	ng	0.00
8) Nitrobenzene-d5	9.211	82	5198	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	11901	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1650	0.262	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14297	0.308	ng	0.00
27) Fluoranthene-d10	19.450	212	21492	0.404	ng	0.00
31) Terphenyl-d14	20.042	244	10028	0.308	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.439	88	1002	0.112	ng	94
3) n-Nitrosodimethylamine	3.771	42	1249	0.095	ng	# 94
6) bis(2-Chloroethyl)ether	7.462	93	2233	0.096	ng	100
9) Naphthalene	10.909	128	5577	0.091	ng	97
10) Hexachlorobutadiene	11.197	225	1072	0.092	ng	# 98
12) 2-Methylnaphthalene	12.516	142	3431	0.083	ng	98
16) Acenaphthylene	14.397	152	4716	0.081	ng	100
17) Acenaphthene	14.739	154	3085	0.083	ng	96
18) Fluorene	15.725	166	3608	0.081	ng	98
20) 4,6-Dinitro-2-methylph...	15.787	198	126	0.205	ng	# 1
21) 4-Bromophenyl-phenylether	16.606	248	1162	0.078	ng	# 65
22) Hexachlorobenzene	16.730	284	1622	0.089	ng	97
23) Atrazine	16.867	200	757	0.080	ng	# 87
24) Pentachlorophenol	17.065	266	290	0.155	ng	96
25) Phenanthrene	17.462	178	6242	0.084	ng	99
26) Anthracene	17.549	178	5179	0.075	ng	99
28) Fluoranthene	19.480	202	6519	0.080	ng	99
30) Pyrene	19.842	202	6510	0.083	ng	100
32) Benzo(a)anthracene	21.601	228	5050	0.078	ng	98
33) Chrysene	21.654	228	5839	0.085	ng	99
34) Bis(2-ethylhexyl)phtha...	21.520	149	2365	0.078	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.725	276	4756	0.076	ng	99
37) Benzo(b)fluoranthene	23.351	252	5254	0.081	ng	# 76
38) Benzo(k)fluoranthene	23.398	252	4982	0.075	ng	# 72
39) Benzo(a)pyrene	24.003	252	4171	0.070	ng	# 62
40) Dibenzo(a,h)anthracene	26.743	278	3544m	0.073	ng	
41) Benzo(g,h,i)perylene	27.526	276	4650	0.083	ng	# 90

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

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