

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029441.D
 Acq On : 31 Jan 2024 09:21
 Operator : MA/JU
 Sample : P1187-02
 Misc : LOQ-SOIL-0.1NG
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 31 10:43:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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	3794	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10081	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4504	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8424	0.400	ng	# 0.00
29) Chrysene-d12	21.492	240	5513	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	5877	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3148	0.345	ng	0.00
5) Phenol-d6	7.060	99	3881	0.369	ng	0.00
8) Nitrobenzene-d5	9.057	82	2913	0.347	ng	-0.01
11) 2-Methylnaphthalene-d10	12.287	152	7249	0.528	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	459	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6469	0.335	ng	-0.01
27) Fluoranthene-d10	19.322	212	11386	0.558	ng	0.00
31) Terphenyl-d14	19.930	244	4704	0.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	607	0.114	ng	91
3) n-Nitrosodimethylamine	3.723	42	361	0.083	ng	# 94
6) bis(2-Chloroethyl)ether	7.341	93	910	0.091	ng	96
9) Naphthalene	10.744	128	2809	0.098	ng	96
10) Hexachlorobutadiene	11.021	225	517	0.095	ng	# 97
12) 2-Methylnaphthalene	12.363	142	1553	0.092	ng	96
16) Acenaphthylene	14.254	152	2074	0.097	ng	99
17) Acenaphthene	14.596	154	1394	0.097	ng	97
18) Fluorene	15.580	166	1630	0.091	ng	98
20) 4,6-Dinitro-2-methylph...	15.679	198	73	0.059	ng	# 9
21) 4-Bromophenyl-phenylether	16.486	248	475	0.095	ng	# 89
22) Hexachlorobenzene	16.585	284	577	0.094	ng	97
23) Atrazine	16.759	200	334	0.094	ng	# 81
24) Pentachlorophenol	16.933	266	113	0.058	ng	94
25) Phenanthrene	17.330	178	2449	0.098	ng	98
26) Anthracene	17.417	178	1889	0.089	ng	98
28) Fluoranthene	19.354	202	2421	0.086	ng	98
30) Pyrene	19.717	202	2472	0.097	ng	98
32) Benzo(a)anthracene	21.474	228	1652	0.088	ng	95
33) Chrysene	21.528	228	1938	0.091	ng	95
34) Bis(2-ethylhexyl)phtha...	21.420	149	1471	0.115	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.344	276	1830	0.077	ng	# 91
37) Benzo(b)fluoranthene	23.148	252	1674	0.080	ng	# 64
38) Benzo(k)fluoranthene	23.201	252	1772	0.081	ng	# 45
39) Benzo(a)pyrene	23.768	252	1602m	0.087	ng	
40) Dibenzo(a,h)anthracene	26.373	278	1553m	0.083	ng	
41) Benzo(g,h,i)perylene	27.089	276	1791m	0.078	ng	

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

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