Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034873.D
Acq On : 06 Nov 2024 13:46
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-0.1 ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 06 14:41:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	7518	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	23228	0.400	ng		-0.01
13) Acenaphthene-d10	14.211	164	11583	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	23350	0.400	ng		-0.01
29) Chrysene-d12	21.151	240	13735	0.400	ng		# 0.00
35) Perylene-d12	23.323	264	10782	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	6982	0.307	ng		-0.01
5) Phenol-d6	6.752	99	9439	0.319	ng		-0.01
8) Nitrobenzene-d5	8.707	82	6725	0.368	ng		-0.02
11) 2-Methylnaphthalene-d10	11.939	152	18149	0.540	ng		-0.01
14) 2,4,6-Tribromophenol	15.704	330	1022	0.179	ng		-0.01
15) 2-Fluorobiphenyl	12.832	172	16695	0.366	ng		-0.01
27) Fluoranthene-d10	18.992	212	31130	0.568	ng		0.00
31) Terphenyl-d14	19.605	244	11081	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1211	0.147	ng		99
3) n-Nitrosodimethylamine	3.487	42	1317	0.142	ng	#	87
6) bis(2-Chloroethyl)ether	7.012	93	2690	0.125	ng		95
9) Naphthalene	10.394	128	6803	0.106	ng		98
10) Hexachlorobutadiene	10.693	225	1034	0.098	ng	#	99
12) 2-Methylnaphthalene	12.014	142	4247	0.101	ng		98
16) Acenaphthylene	13.923	152	5618	0.097	ng		99
17) Acenaphthene	14.276	154	3830	0.099	ng		96
18) Fluorene	15.259	166	4818	0.100	ng		99
20) 4,6-Dinitro-2-methylph...	15.345	198	182	0.221	ng	#	1
21) 4-Bromophenyl-phenylether	16.163	248	1327	0.098	ng		100
22) Hexachlorobenzene	16.262	284	1574	0.104	ng		91
23) Atrazine	16.436	200	1066	0.092	ng		94
24) Pentachlorophenol	16.610	266	245	0.038	ng		94
25) Phenanthrene	16.995	178	8147	0.119	ng		99
26) Anthracene	17.081	178	7006	0.109	ng		99
28) Fluoranthene	19.024	202	8648	0.114	ng		97
30) Pyrene	19.387	202	8401	0.117	ng		100
32) Benzo(a)anthracene	21.134	228	6265	0.115	ng		100
33) Chrysene	21.187	228	6818	0.127	ng		99
34) Bis(2-ethylhexyl)phtha...	21.098	149	3760	0.082	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.478	276	5247	0.132	ng		94
37) Benzo(b)fluoranthene	22.674	252	5870	0.135	ng	#	81
38) Benzo(k)fluoranthene	22.718	252	5812	0.137	ng	#	80
39) Benzo(a)pyrene	23.227	252	4367	0.122	ng	#	72
40) Dibenzo(a,h)anthracene	25.493	278	3980	0.129	ng	#	89
41) Benzo(g,h,i)perylene	26.136	276	4468	0.134	ng	#	91

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

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