Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023663.D
Acq On : 16 Jan 2023 13:47
Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jan 17 04:33:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	4708	0.400	ng		0.00
7) Naphthalene-d8	10.754	136	13733	0.400	ng	#	0.00
13) Acenaphthene-d10	14.591	164	7287	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	15056	0.400	ng		0.00
29) Chrysene-d12	21.540	240	10810	0.400	ng		0.00
35) Perylene-d12	23.967	264	7567	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	2757	0.295	ng		0.00
5) Phenol-d6	7.103	99	3438	0.286	ng		0.00
8) Nitrobenzene-d5	9.110	82	2919	0.283	ng		0.00
11) 2-Methylnaphthalene-d10	12.348	152	8443	0.446	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	766	0.243	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	8909	0.302	ng		0.00
27) Fluoranthene-d10	19.376	212	15895	0.431	ng		0.00
31) Terphenyl-d14	19.974	244	9285	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	487	0.115	ng		96
3) n-Nitrosodimethylamine	3.687	42	452	0.095	ng	#	90
6) bis(2-Chloroethyl)ether	7.363	93	1467	0.116	ng		99
9) Naphthalene	10.808	128	3871	0.107	ng		97
10) Hexachlorobutadiene	11.096	225	803	0.109	ng	#	100
12) 2-Methylnaphthalene	12.420	142	2525	0.097	ng		98
16) Acenaphthylene	14.313	152	2751	0.094	ng		99
17) Acenaphthene	14.655	154	2173	0.101	ng		100
18) Fluorene	15.639	166	2823	0.098	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	124	0.076	ng	#	8
21) 4-Bromophenyl-phenylether	16.533	248	865	0.101	ng		97
22) Hexachlorobenzene	16.645	284	1190	0.111	ng		99
23) Atrazine	16.806	200	569	0.096	ng	#	93
24) Pentachlorophenol	17.005	266	339	0.091	ng		92
25) Phenanthrene	17.389	178	4538	0.103	ng		99
26) Anthracene	17.476	178	3352	0.095	ng		99
28) Fluoranthene	19.410	202	4721	0.095	ng		98
30) Pyrene	19.772	202	4543	0.110	ng		99
32) Benzo(a)anthracene	21.522	228	3420	0.098	ng		96
33) Chrysene	21.575	228	4209	0.109	ng		98
34) Bis(2-ethylhexyl)phtha...	21.441	149	1964	0.120	ng		98
36) Indeno(1,2,3-cd)pyrene	26.490	276	3251	0.096	ng		98
37) Benzo(b)fluoranthene	23.221	252	3809	0.118	ng	#	74
38) Benzo(k)fluoranthene	23.271	252	3274	0.104	ng	#	71
39) Benzo(a)pyrene	23.856	252	2824	0.116	ng	#	64
40) Dibenzo(a,h)anthracene	26.516	278	2550	0.094	ng	#	75
41) Benzo(g,h,i)perylene	27.273	276	2988	0.108	ng	#	89

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

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