Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017475.D
Acq On : 16 Nov 2021 15:47
Operator : CG/JU
Sample : M4386-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 16 16:17:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOIL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	25734	0.400	ng	# 0.00
7) Naphthalene-d8	10.674	136	114782	0.400	ng	# 0.01
13) Acenaphthene-d10	14.498	164	63688	0.400	ng	0.00
19) Phenanthrene-d10	17.250	188	118720	0.400	ng	0.01
29) Chrysene-d12	21.441	240	82696	0.400	ng	# 0.02
35) Perylene-d12	23.804	264	94932	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	7243996	118.267	ng	0.04
5) Phenol-d6	7.072	99	8046936	122.091	ng	0.04
8) Nitrobenzene-d5	9.039	82	7428827	104.411	ng	0.03
11) 2-Methylnaphthalene-d10	12.257	152	213	0.001	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	3448089	213.165	ng	0.01
15) 2-Fluorobiphenyl	13.141	172	14463224	60.213	ng	0.01
27) Fluoranthene-d10	19.317	212	242	0.001	ng	0.05
31) Terphenyl-d14	19.883	244	13304432	65.525	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	152	0.013	ng	# 19
6) bis(2-Chloroethyl)ether	7.312	93	7057133	99.945	ng	97
9) Naphthalene	10.725	128	15215208	52.745	ng	97
10) Hexachlorobutadiene	11.016	225	27	0.000	ng	# 94
12) 2-Methylnaphthalene	12.328	142	3268	0.018	ng	# 81
16) Acenaphthylene	14.232	152	22468926	94.693	ng	# 88
17) Acenaphthene	14.574	154	13564201	78.796	ng	94
18) Fluorene	15.551	166	9240818	46.711	ng	97
22) Hexachlorobenzene	16.568	284	8312936	109.390	ng	95
23) Atrazine	16.714	200	212	0.006	ng	# 48
25) Phenanthrene	17.286	178	23273097	71.330	ng	# 83
26) Anthracene	17.384	178	23133075	85.469	ng	# 85
28) Fluoranthene	19.307	202	22899465m	65.422	ng	
30) Pyrene	19.670	202	17038659	57.343	ng	# 90
32) Benzo(a)anthracene	21.420	228	18788221	73.384	ng	# 81
33) Chrysene	21.473	228	11864630	45.064	ng	95
34) Bis(2-ethylhexyl)phtha...	21.356	149	20514063	153.295	ng	# 77
36) Indeno(1,2,3-cd)pyrene	26.265	276	13407	0.061	ng	# 42
41) Benzo(g,h,i)perylene	27.086	276	21438031	104.022	ng	99

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

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