Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010323\
Data File : BM038357.D
Acq On : 03 Jan 2023 12:41
Operator : CG/JU
Sample : N5388-02
Misc : SFAM-SIM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 13:12:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 01:43:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2022-08

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :mohammad ahmed 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.009	152	1365	0.400	ng/ul		0.00
4) Naphthalene-d8	10.823	136	4101	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.638	164	2162	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.379	188	4408	0.400	ng/ul		0.00
17) Chrysene-d12	21.550	240	4404	0.400	ng/ul		0.00
23) Perylene-d12	23.979	264	5601	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.372	96	1239	0.609	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.407	152	2041	0.332	ng/ul		0.00
18) Fluoranthene-d10	19.399	212	4879	0.391	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	177m	0.085	ng/ul		
5) Naphthalene	10.872	128	672	0.061	ng/ul	#	71
7) 2-Methylnaphthalene	12.478	142	388	0.058	ng/ul		99
8) 1-Methylnaphthalene	12.693	142	397	0.058	ng/ul		96
10) Acenaphthylene	14.365	152	667	0.066	ng/ul	#	81
11) Acenaphthene	14.698	153	484	0.065	ng/ul		94
12) Fluorene	15.688	166	521	0.062	ng/ul	#	90
14) Pentachlorophenol	17.054	266	96	0.061	ng/ul		97
15) Phenanthrene	17.426	178	821	0.063	ng/ul	#	82
16) Anthracene	17.518	178	712	0.059	ng/ul	#	77
19) Fluoranthene	19.431	202	1039	0.068	ng/ul	#	80
20) Pyrene	19.794	202	1100	0.068	ng/ul	#	81
21) Benzo(a)anthracene	21.536	228	945	0.064	ng/ul	#	88
22) Chrysene	21.588	228	1011	0.065	ng/ul	#	91
24) Benzo(b)fluoranthene	23.237	252	1102	0.054	ng/ul	#	45
25) Benzo(k)fluoranthene	23.284	252	1161	0.057	ng/ul	#	46
26) Benzo(a)pyrene	23.874	252	1045	0.054	ng/ul	#	34
27) Indeno(1,2,3-cd)pyrene	26.525	276	1703	0.061	ng/ul	#	77
28) Dibenzo(a,h)anthracene	26.538	278	1367	0.062	ng/ul	#	34
29) Benzo(g,h,i)perylene	27.310	276	1575	0.063	ng/ul	#	80

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

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