Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090722\
Data File : BM036505.D
Acq On : 07 Sep 2022 11:40
Operator : CG/JU
Sample : N3670-02
Misc : SFAM-SIM-MDL-WATER-0.07NG
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 12:10:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 06 13:54:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2022-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	2530	0.400	ng/ul		0.00
4) Naphthalene-d8	10.552	136	10465	0.400	ng/ul		0.02
9) Acenaphthene-d10	14.382	164	5598	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.137	188	9942	0.400	ng/ul		0.01
17) Chrysene-d12	21.321	240	8669	0.400	ng/ul		0.00
23) Perylene-d12	23.612	264	7245	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.134	96	3066	0.834	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.157	152	4728	0.290	ng/ul		0.03
18) Fluoranthene-d10	19.165	212	9316	0.345	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.172	88	254m	0.073	ng/ul		
5) Naphthalene	10.601	128	1976	0.069	ng/ul	#	85
7) 2-Methylnaphthalene	12.229	142	1140	0.065	ng/ul		94
8) 1-Methylnaphthalene	12.432	142	1084	0.061	ng/ul		97
10) Acenaphthylene	14.113	152	1531	0.072	ng/ul	#	84
11) Acenaphthene	14.447	153	1277	0.068	ng/ul		96
12) Fluorene	15.460	166	1320	0.063	ng/ul	#	96
14) Pentachlorophenol	16.829	266	106m	0.059	ng/ul		
15) Phenanthrene	17.179	178	2119	0.073	ng/ul	#	89
16) Anthracene	17.289	178	1508	0.062	ng/ul	#	79
19) Fluoranthene	19.193	202	2366	0.076	ng/ul	#	91
20) Pyrene	19.560	202	2496	0.078	ng/ul		94
21) Benzo(a)anthracene	21.315	228	1528	0.058	ng/ul		93
22) Chrysene	21.359	228	2196	0.075	ng/ul		95
24) Benzo(b)fluoranthene	22.922	252	2013	0.070	ng/ul	#	54
25) Benzo(k)fluoranthene	22.969	252	1812	0.063	ng/ul	#	50
26) Benzo(a)pyrene	23.528	252	1963	0.083	ng/ul	#	39
27) Indeno(1,2,3-cd)pyrene	26.007	276	1895	0.068	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.040	278	1496	0.062	ng/ul	#	43
29) Benzo(g,h,i)perylene	26.721	276	1888	0.071	ng/ul	#	80

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

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