Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012419.D
Acq On : 28 Oct 2020 12:14
Operator : CG/JU
Sample : L4214-08
Misc : LOQ-WATER-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED
mohammad
10/29/2020 10:44:15 AM

Quant Time: Oct 28 12:43:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	562	0.40	ng		0.00
7) Naphthalene-d8	10.364	136	2259	0.40	ng		# 0.01
13) Acenaphthene-d10	14.217	164	1369	0.40	ng		0.00
19) Phenanthrene-d10	16.980	188	2814	0.40	ng		# 0.01
29) Chrysene-d12	21.184	240	2934	0.40	ng		# 0.01
36) Perylene-d12	23.354	264	3504	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	546	0.28	ng		0.00
5) Phenol-d6	6.765	99	585	0.25	ng		0.00
8) Nitrobenzene-d5	8.755	82	570	0.23	ng		0.03
11) 2-Methylnaphthalene-d10	11.966	152	1097	0.30	ng		0.01
14) 2,4,6-Tribromophenol	15.740	330	256	0.26	ng		0.01
15) 2-Fluorobiphenyl	12.860	172	1260	0.25	ng		0.01
27) Fluoranthene-d10	19.017	212	2963	0.34	ng		0.00
31) Terphenyl-d14	19.628	244	2152	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	84m	0.09	ng		
3) n-Nitrosodimethylamine	3.511	42	191	0.09	ng	#	62
6) bis(2-Chloroethyl)ether	7.030	93	103m	0.07	ng		
9) Naphthalene	10.402	128	496	0.08	ng	#	40
10) Hexachlorobutadiene	10.681	225	99	0.07	ng	#	96
12) 2-Methylnaphthalene	12.046	142	298	0.07	ng	#	77
16) Acenaphthylene	13.938	152	500	0.07	ng		98
17) Acenaphthene	14.293	154	310	0.07	ng		89
18) Fluorene	15.296	166	375	0.07	ng		96
20) 4,6-Dinitro-2-methylph...	15.423	198	53	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.189	248	116	0.07	ng	#	87
22) Hexachlorobenzene	16.287	284	162	0.08	ng	#	78
23) Atrazine	16.457	200	110	0.07	ng	#	49
24) Pentachlorophenol	16.640	266	141	0.15	ng		88
25) Phenanthrene	17.017	178	605m	0.07	ng		
26) Anthracene	17.114	178	470	0.06	ng	#	93
28) Fluoranthene	19.047	202	778	0.08	ng	#	93
30) Pyrene	19.415	202	799	0.08	ng		97
32) Benzo(a)anthracene	21.174	228	620	0.07	ng	#	79
33) Chrysene	21.216	228	846	0.08	ng	#	84
34) Bis(2-ethylhexyl)phtha...	21.099	149	899	0.15	ng		92
35) Indeno(1,2,3-cd)pyrene	25.534	276	1153	0.08	ng	#	90
37) Benzo(b)fluoranthene	22.710	252	808	0.07	ng	#	1
38) Benzo(k)fluoranthene	22.755	252	1001	0.08	ng	#	30
39) Benzo(a)pyrene	23.268	252	876	0.08	ng	#	1
40) Dibenzo(a,h)anthracene	25.551	278	886	0.07	ng	#	7
41) Benzo(g,h,i)perylene	26.181	276	1042	0.08	ng	#	68

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

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