Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Time: Dec 17 07:46:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.898	128	13321	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.763	114	96154	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	100912	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	36069	30.830	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.767%				
60) 4-Bromofluorobenzene	11.079	95	53448	28.597	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.333%				
63) Toluene-d8	8.647	98	100399	29.909	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.700%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.374	62	556	0.472	ug/l		91
8) Diethyl Ether	2.130	74	1784	2.379	ug/l		80
15) Acetone	2.380	58	13225	65.385	ug/l		95
16) Carbon Disulfide	2.514	76	1952	0.631	ug/l		98
23) tert-Butyl Alcohol	2.965	59	1482332	5903.366	ug/l	#	1
24) Methyl tert-Butyl Ether	3.111	73	7317	1.761	ug/l	#	79
34) Benzene	6.038	78	21159	3.799	ug/l		96
45) 1,4-Dioxane	7.678	88	2772	85.351	ug/l	#	79
58) 4-Methyl-2-Pentanone	8.568	43	12364	7.577	ug/l	#	76
59) 2-Hexanone	9.433	43	2231	1.788	ug/l	#	72
62) Toluene	8.720	91	54866	8.957	ug/l		99
64) Chlorobenzene	10.080	112	4008	1.034	ug/l		90
66) Ethyl Benzene	10.195	91	14985	2.171	ug/l		92
67) m/p-Xylenes	10.299	106	22612	8.381	ug/l		100
68) o-Xylene	10.640	106	15806	6.013	ug/l		95
70) Isopropylbenzene	10.964	105	5786	0.829	ug/l		93
76) 1,3,5-Trimethylbenzene	11.451	105	5562	0.948	ug/l		92
80) 1,2,4-Trimethylbenzene	11.750	105	15284	2.651	ug/l		99
82) p-Isopropyltoluene	12.012	119	18118	3.041	ug/l		98
84) 1,4-Dichlorobenzene	12.043	146	9687	3.030	ug/l		98
91) Naphthalene	13.774	128	68879	11.007	ug/l		99

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

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