Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102320\
Data File : VX019082.D
Acq On : 23 Oct 2020 17:38
Operator : JC/SP
Sample : L4489-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201021075-01-VOA

Quant Time: Oct 26 16:57:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	38305	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	213249	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	188001	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	79569	31.19	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.97%				
60) 4-Bromofluorobenzene	11.12	95	84704	30.02	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.07%				
63) Toluene-d8	8.70	98	250253	30.15	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	1380	0.717	ug/l		94
6) Chloroethane	1.72	64	1406	0.910	ug/l		95
8) Diethyl Ether	2.17	74	14074	9.459	ug/l		97
15) Acetone	2.42	58	2110	8.213	ug/l		95
16) Carbon Disulfide	2.56	76	1197	0.223	ug/l	#	84
18) Methylene Chloride	2.83	84	476	0.216	ug/l	#	83
21) 1,1-Dichloroethane	3.67	63	2653	0.741	ug/l	#	85
23) tert-Butyl Alcohol	3.00	59	98964	227.624	ug/l	#	100
24) Methyl tert-Butyl Ether	3.17	73	4009	0.658	ug/l	#	83
34) Benzene	6.11	78	6999	0.791	ug/l	#	92
45) 1,4-Dioxane	7.71	88	9210	208.124	ug/l		100
62) Toluene	8.77	91	5799	0.587	ug/l		93
64) Chlorobenzene	10.12	112	41199	6.708	ug/l		100
66) Ethyl Benzene	10.24	91	9083	0.838	ug/l		93
67) m/p-Xylenes	10.34	106	11111	2.690	ug/l		97
68) o-Xylene	10.68	106	9305	2.362	ug/l		98
70) Isopropylbenzene	11.00	105	7024	0.663	ug/l		99
74) n-propylbenzene	11.34	91	2559	0.213	ug/l		97
75) 2-Chlorotoluene	11.40	91	3880	0.572	ug/l		96
80) 1,2,4-Trimethylbenzene	11.79	105	8655	1.013	ug/l		99
82) p-Isopropyltoluene	12.05	119	2774	0.300	ug/l		91
84) 1,4-Dichlorobenzene	12.08	146	31967	6.804	ug/l		95
87) 1,2-Dichlorobenzene	12.38	146	2446	0.552	ug/l		99
91) Naphthalene	13.82	128	46858	4.490	ug/l		99

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

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