

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019083.D
 Acq On : 23 Oct 2020 18:01
 Operator : JC/SP
 Sample : L4490-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201021073-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:16:17 AM

Quant Time: Oct 26 04:50:10 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	40036	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	218617	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	197066	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	79309	29.74	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.13%
60) 4-Bromofluorobenzene	11.12	95	91727	31.01	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.37%
63) Toluene-d8	8.70	98	260230	29.91	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.70%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.39	62	1322	0.555 ug/l	# 88
8) Diethyl Ether	2.17	74	5876	3.778 ug/l	95
15) Acetone	2.42	58	35919	133.773 ug/l	96
16) Carbon Disulfide	2.55	76	3133	0.559 ug/l	# 93
22) cis-1,2-Dichloroethene	4.56	96	1735m	0.636 ug/l	
23) tert-Butyl Alcohol	3.00	59	2272734	5001.440 ug/l	# 100
24) Methyl tert-Butyl Ether	3.16	73	18763	2.944 ug/l	94
34) Benzene	6.12	78	41759	4.602 ug/l	96
45) 1,4-Dioxane	7.71	88	5573	122.844 ug/l	92
58) 4-Methyl-2-Pentanone	8.62	43	6231	2.507 ug/l	92
62) Toluene	8.76	91	37088	3.581 ug/l	99
64) Chlorobenzene	10.12	112	8675	1.347 ug/l	92
66) Ethyl Benzene	10.24	91	74272	6.541 ug/l	100
67) m/p-Xylenes	10.34	106	52599	12.146 ug/l	96
68) o-Xylene	10.68	106	31523	7.632 ug/l	99
70) Isopropylbenzene	11.00	105	9917	0.893 ug/l	99
74) n-propylbenzene	11.34	91	3158	0.251 ug/l	96
76) 1,3,5-Trimethylbenzene	11.49	105	10201	1.132 ug/l	99
78) 4-Chlorotoluene	11.49	91	2121	0.254 ug/l	58
80) 1,2,4-Trimethylbenzene	11.79	105	38303	4.276 ug/l	99
82) p-Isopropyltoluene	12.05	119	25442	2.629 ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	26684	5.418 ug/l	96
87) 1,2-Dichlorobenzene	12.37	146	2218	0.478 ug/l	89
91) Naphthalene	13.82	128	168860	15.435 ug/l	99

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

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