

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015619.D
 Acq On : 10 Apr 2020 14:26
 Operator : JC/SP
 Sample : L2209-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

Manual Integrations
 APPROVED

apatel
 4/13/2020 1:24:12 PM

Quant Time: Apr 13 03:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	112833	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	617080	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	568371	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	283282	32.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.10%
60) 4-Bromofluorobenzene	11.12	95	278575	28.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.47%
63) Toluene-d8	8.70	98	738898	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

Target Compounds

					Ovalue
8) Diethyl Ether	2.17	74	40637	11.553 ug/l	95
15) Acetone	2.42	58	16025	16.374 ug/l	97
23) tert-Butyl Alcohol	3.00	59	1076917	568.850 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	24380	1.069 ug/l	90
34) Benzene	6.12	78	76048	2.846 ug/l	99
45) 1,4-Dioxane	7.71	88	85375	476.343 ug/l	94
62) Toluene	8.76	91	44840	1.558 ug/l	99
64) Chlorobenzene	10.12	112	250598	13.539 ug/l	99
66) Ethyl Benzene	10.24	91	291835	8.874 ug/l	99
67) m/p-Xylenes	10.34	106	54377	4.368 ug/l	99
68) o-Xylene	10.68	106	45318	3.725 ug/l	99
70) Isopropylbenzene	11.00	105	49525	1.535 ug/l	95
74) n-propylbenzene	11.34	91	34596	0.935 ug/l	97
75) 2-Chlorotoluene	11.40	91	22102	0.982 ug/l	93
76) 1,3,5-Trimethylbenzene	11.49	105	13884	0.501 ug/l	91
77) t-1,4-Dichloro-2-butene	11.06	75	3175m	0.753 ug/l	
78) 4-Chlorotoluene	11.49	91	6702	0.257 ug/l	88
80) 1,2,4-Trimethylbenzene	11.79	105	70541	2.514 ug/l	97
81) sec-Butylbenzene	11.93	105	10951	0.345 ug/l	84
82) p-Isopropyltoluene	12.05	119	15985	0.534 ug/l	90
83) 1,3-Dichlorobenzene	12.01	146	5860	0.376 ug/l	92
84) 1,4-Dichlorobenzene	12.08	146	153560	9.884 ug/l	99
85) n-Butylbenzene	12.37	91	13088	0.491 ug/l	81
87) 1,2-Dichlorobenzene	12.38	146	13068	0.860 ug/l	94
91) Naphthalene	13.82	128	467332	13.190 ug/l	99

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

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