

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032302.D
 Acq On : 20 Jul 2018 00:15
 Operator : SY/AP
 Sample : J4029-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:06:26 PM

Quant Time: Jul 20 04:22:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1540289	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3253857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3843933	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2978636	9.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	57509	0.22	ppbv	97
3) Chlorodifluoromethane	3.06	51	6632983	38.37	ppbv	96
4) Chloromethane	3.22	50	56579	0.56	ppbv	99
11) Trichlorofluoromethane	4.06	101	2717490	13.27	ppbv	99
13) Ethanol	3.73	45	2084698	96.58	ppbv	99
15) Acetone	3.96	43	3751459	23.27	ppbv	92
17) tert-Butyl alcohol	4.44	59	270452m	5.32	ppbv	
19) Isopropyl Alcohol	4.11	45	719737	6.60	ppbv #	1
20) Methylene Chloride	4.47	84	1712670	27.60	ppbv	98
22) trans-1,2-Dichloroethene	5.03	96	14665	0.23	ppbv	84
26) Hexane	5.86	57	2250761	13.96	ppbv #	43
27) Carbon Disulfide	4.69	76	973815	6.82	ppbv	100
29) Chloroform	5.93	83	3101320	13.04	ppbv	99
31) cis-1,2-Dichloroethene	5.72	61	221651	1.43	ppbv	99
34) 2-Butanone	5.40	43	204212	0.91	ppbv	99
35) Carbon Tetrachloride	7.22	117	10321m	0.05	ppbv	
36) Benzene	7.09	78	42963m	0.13	ppbv	
37) 1,2-Dichloroethane	6.49	62	81441	0.43	ppbv #	96
38) Trichloroethene	8.05	130	4100m	0.04	ppbv	
47) 1,1,2-Trichloroethane	9.71	97	63991	0.47	ppbv	94
52) Tetrachloroethene	11.46	164	46219m	0.42	ppbv	
53) Toluene	10.03	91	178244	0.46	ppbv	97
59) m/p-Xylene	13.21	91	85915m	0.19	ppbv	
61) Styrene	13.78	104	115329m	0.34	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	86693	0.16	ppbv #	72

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

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