

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037679.D
 Acq On : 27 Sep 2021 14:04
 Operator : SY/AP
 Sample : M3949-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9BDUP

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:04:55 AM

Quant Time: Sep 28 20:02:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1483046	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4198823	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3681775	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2580727	9.70	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	40986m	0.153	ppbv	
4) Chloromethane	3.15	50	86322	0.835	ppbv	89
9) Propene	3.02	41	35402	0.359	ppbv #	78
11) Trichlorofluoromethane	3.95	101	46311m	0.215	ppbv	
13) Ethanol	3.60	45	3037864	314.747	ppbv	90
15) Acetone	3.85	43	2309008	14.985	ppbv	93
19) Isopropyl Alcohol	3.97	45	3419197	40.783	ppbv #	96
20) Methylene Chloride	4.35	84	525848	7.148	ppbv	92
26) Hexane	5.69	57	1446740	8.161	ppbv #	47
29) Chloroform	5.75	83	54183m	0.209	ppbv	
34) 2-Butanone	5.25	43	235880	1.382	ppbv #	87
35) Carbon Tetrachloride	7.02	117	14767m	0.062	ppbv	
36) Benzene	6.89	78	55464m	0.158	ppbv	
38) Trichloroethene	7.84	130	30373m	0.208	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	56460	0.096	ppbv #	67
52) Tetrachloroethene	11.22	164	70506m	0.525	ppbv	
53) Toluene	9.81	91	132461	0.340	ppbv	98
59) m/p-Xylene	12.96	91	82515m	0.194	ppbv	

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

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