

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037129.D
 Acq On : 8 Jun 2021 13:00
 Operator : SY/AP
 Sample : M2614-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-1C

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:23:19 PM

Quant Time: Jun 09 01:40:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1415620	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	4149559	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3757495	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2862618	10.14	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	59138	0.246	ppbv	91
3) Chlorodifluoromethane	2.99	51	370664m	1.429	ppbv	
4) Chloromethane	3.14	50	49678	0.563	ppbv	100
9) Propene	3.02	41	164337m	1.770	ppbv	
11) Trichlorofluoromethane	3.95	101	50920	0.229	ppbv #	82
13) Ethanol	3.62	45	12323597	994.585	ppbv	100
15) Acetone	3.85	43	1787031	12.325	ppbv	91
17) tert-Butyl alcohol	4.31	59	51095m	0.385	ppbv	
19) Isopropyl Alcohol	3.98	45	3316380	42.549	ppbv #	33
20) Methylene Chloride	4.34	84	694842	8.940	ppbv	99
26) Hexane	5.69	57	544542	3.059	ppbv #	61
29) Chloroform	5.75	83	49060m	0.195	ppbv	
30) Cyclohexane	7.12	84	20148m	0.133	ppbv	
34) 2-Butanone	5.25	43	127734	0.845	ppbv	96
35) Carbon Tetrachloride	7.02	117	17454m	0.063	ppbv	
36) Benzene	6.89	78	975681m	2.730	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	76436m	0.125	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	45996	0.184	ppbv	97
52) Tetrachloroethene	11.22	164	4628m	0.033	ppbv	
53) Toluene	9.80	91	661888	1.556	ppbv	97
59) m/p-Xylene	12.97	91	106271m	0.242	ppbv	
61) Styrene	13.53	104	32251m	0.137	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	76625m	0.159	ppbv	
79) Naphthalene	22.21	128	66018m	0.175	ppbv	

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

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