

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037114.D
 Acq On : 2 Jun 2021 23:34
 Operator : SY/AP
 Sample : M2548-14
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-5A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:01:19 PM

Quant Time: Jun 06 20:23:41 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
 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	5.65	49	1385571	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3996344	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3614296	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2695800	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	65605	0.279	ppbv	98
4) Chloromethane	3.13	50	27899m	0.323	ppbv	
9) Propene	3.01	41	104159	1.146	ppbv #	73
10) Heptane	8.11	43	59884m	0.264	ppbv	
11) Trichlorofluoromethane	3.94	101	133723	0.615	ppbv	96
13) Ethanol	3.60	45	2048273	168.892	ppbv	92
15) Acetone	3.83	43	3765462	26.532	ppbv	98
17) tert-Butyl alcohol	4.30	59	78709m	0.605	ppbv	
19) Isopropyl Alcohol	3.97	45	166970	2.189	ppbv #	1
20) Methylene Chloride	4.33	84	1733676	22.789	ppbv	98
26) Hexane	5.67	57	1272477	7.304	ppbv #	46
34) 2-Butanone	5.23	43	414309	2.847	ppbv	94
35) Carbon Tetrachloride	7.00	117	15106m	0.057	ppbv	
36) Benzene	6.88	78	65835m	0.191	ppbv	
40) 1,4-Dioxane	7.84	88	33022m	1.055	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	56140m	0.234	ppbv	
52) Tetrachloroethene	11.21	164	4829m	0.035	ppbv	
53) Toluene	9.79	91	325818	0.795	ppbv	97
59) m/p-Xylene	12.95	91	66880m	0.159	ppbv	
61) Styrene	13.52	104	28856m	0.127	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	56247m	0.121	ppbv	

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

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