

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034988.D
 Acq On : 12 May 2020 15:45
 Operator : SY/AP
 Sample : L2567-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DUP

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:11:46 PM

Quant Time: May 14 13:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1049568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2446054	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	2250515	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1854977	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	40836	0.274	ppbv	90
3) Chlorodifluoromethane	2.94	51	35340m	0.295	ppbv	
4) Chloromethane	3.10	50	34939	0.509	ppbv	89
9) Propene	2.98	41	142513m	2.741	ppbv	
10) Heptane	8.13	43	112356	0.862	ppbv	100
11) Trichlorofluoromethane	3.92	101	40300	0.262	ppbv	96
13) Ethanol	3.57	45	319738	18.634	ppbv	100
15) Acetone	3.82	43	1083688	7.810	ppbv	99
19) Isopropyl Alcohol	3.94	45	422684	4.568	ppbv #	96
20) Methylene Chloride	4.32	84	228705	4.979	ppbv	94
26) Hexane	5.67	57	392701	3.886	ppbv #	58
30) Cyclohexane	7.13	84	37947	0.487	ppbv	89
34) 2-Butanone	5.24	43	59739	0.393	ppbv	96
35) Carbon Tetrachloride	7.02	117	9399m	0.061	ppbv	
36) Benzene	6.89	78	121684	0.603	ppbv #	93
38) Trichloroethene	7.84	130	177447	2.271	ppbv	92
41) Tetrahydrofuran	6.06	42	22071m	0.276	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	192239m	0.536	ppbv	
52) Tetrachloroethene	11.25	164	1165270	16.250	ppbv	98
53) Toluene	9.82	91	2742550	12.829	ppbv	100
58) Ethyl Benzene	12.74	91	218525	0.785	ppbv	97
59) m/p-Xylene	12.99	91	698123m	2.851	ppbv	
60) o-Xylene	13.72	91	235927	0.976	ppbv	98
61) Styrene	13.56	104	49732	0.325	ppbv	93
72) 4-Ethyltoluene	15.87	105	52968m	0.196	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	45477m	0.173	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	181328	0.633	ppbv #	73

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

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