

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037038.D
 Acq On : 21 May 2021 00:11
 Operator : SY/AP
 Sample : M2424-08DUP 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-11DUP

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:27:35 PM

Quant Time: May 22 23:36:54 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	5.63	49	1094791	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3401708	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3050128	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.37	95	2257169	9.85	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	20487	0.102	ppbv	93
4) Chloromethane	3.11	50	14123	0.207	ppbv	98
9) Propene	2.99	41	2795705m	38.927	ppbv	
10) Heptane	8.09	43	6229486	34.804	ppbv	98
11) Trichlorofluoromethane	3.92	101	20997m	0.122	ppbv	
13) Ethanol	3.58	45	328453	34.276	ppbv	98
15) Acetone	3.82	43	9583986m	85.467	ppbv	
17) tert-Butyl alcohol	4.27	59	212129	2.065	ppbv #	72
19) Isopropyl Alcohol	3.94	45	234380	3.888	ppbv #	30
20) Methylene Chloride	4.31	84	1175289	19.553	ppbv	99
26) Hexane	5.66	57	9547617	69.359	ppbv #	46
27) Carbon Disulfide	4.52	76	236365	1.704	ppbv #	92
30) Cyclohexane	7.09	84	83196m	0.711	ppbv	
34) 2-Butanone	5.21	43	1171960	9.462	ppbv	97
36) Benzene	6.85	78	1307641	4.463	ppbv	99
38) Trichloroethene	7.80	130	9233m	0.074	ppbv	
52) Tetrachloroethene	11.18	164	6398m	0.055	ppbv	
53) Toluene	9.77	91	551575	1.582	ppbv	98
58) Ethyl Benzene	12.67	91	58011	0.135	ppbv	96
59) m/p-Xylene	12.93	91	115117m	0.324	ppbv	
60) o-Xylene	13.64	91	45654m	0.135	ppbv	
61) Styrene	13.48	104	22932m	0.120	ppbv	
72) 4-Ethyltoluene	15.80	105	43643m	0.108	ppbv	
73) 1,3,5-Trimethylbenzene	15.95	105	46155	0.122	ppbv	93
74) 1,2,4-Trimethylbenzene	16.72	105	154547	0.395	ppbv #	68

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

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