

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037031.D
 Acq On : 20 May 2021 19:48
 Operator : SY/AP
 Sample : M2424-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-05

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:27:11 PM

Quant Time: May 22 23:04:11 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	5.64	49	1192245	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	3385238	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	3078109	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2263389	9.79	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	33934	0.155	ppbv #	90
9) Propene	2.98	41	777417	9.940	ppbv	96
10) Heptane	8.09	43	219068	1.124	ppbv	98
11) Trichlorofluoromethane	3.92	101	59335	0.317	ppbv	88
13) Ethanol	3.57	45	512721	49.132	ppbv	99
15) Acetone	3.82	43	15531531	127.185	ppbv #	88
17) tert-Butyl alcohol	4.27	59	151332	1.353	ppbv #	90
19) Isopropyl Alcohol	3.94	45	331713	5.053	ppbv #	30
20) Methylene Chloride	4.32	84	155508	2.376	ppbv	97
26) Hexane	5.65	57	456202	3.043	ppbv #	31
27) Carbon Disulfide	4.52	76	1563594	10.349	ppbv	99
29) Chloroform	5.72	83	27509	0.130	ppbv #	76
30) Cyclohexane	7.10	84	105325	0.827	ppbv #	80
34) 2-Butanone	5.21	43	1707788	13.855	ppbv	99
36) Benzene	6.86	78	2065822	7.085	ppbv	99
38) Trichloroethene	7.80	130	7720m	0.062	ppbv	
51) 2-Hexanone	10.10	43	290588	2.702	ppbv #	95
52) Tetrachloroethene	11.19	164	19711m	0.170	ppbv	
53) Toluene	9.77	91	2198851	6.338	ppbv	99
58) Ethyl Benzene	12.67	91	278557	0.641	ppbv	98
59) m/p-Xylene	12.93	91	283767m	0.790	ppbv	
60) o-Xylene	13.65	91	189133	0.552	ppbv	95
61) Styrene	13.49	104	44228m	0.229	ppbv	
62) Isopropylbenzene	14.63	105	89331	0.181	ppbv	96
64) n-propylbenzene	15.52	120	16856m	0.133	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	115227	0.302	ppbv	87
74) 1,2,4-Trimethylbenzene	16.73	105	239373	0.606	ppbv #	70

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

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