

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036981.D
 Acq On : 18 May 2021 22:52
 Operator : SY/AP
 Sample : M2430-04 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:56:14 PM

Quant Time: May 20 16:25:51 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	5.65	49	1277038	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3632946	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3396626	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2541293	9.96	ppbv	0.00	MMDadoda
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	35953	0.166	ppbv	95
3) Chlorodifluoromethane	2.96	51	121783m	0.521	ppbv	5/20/2021 5:56:14 PM
4) Chloromethane	3.12	50	12903m	0.162	ppbv	
9) Propene	3.01	41	324224	3.870	ppbv #	77
10) Heptane	8.10	43	163448	0.783	ppbv	99
11) Trichlorofluoromethane	3.93	101	39314	0.196	ppbv	93
13) Ethanol	3.59	45	1141969	102.165	ppbv	97
15) Acetone	3.83	43	8612828	65.846	ppbv	97
17) tert-Butyl alcohol	4.29	59	43577m	0.364	ppbv	
19) Isopropyl Alcohol	3.95	45	2360816	33.576	ppbv #	35
20) Methylene Chloride	4.33	84	217532	3.102	ppbv	97
26) Hexane	5.67	57	698563	4.351	ppbv #	47
27) Carbon Disulfide	4.53	76	58271	0.360	ppbv #	85
29) Chloroform	5.74	83	22886m	0.101	ppbv	
30) Cyclohexane	7.10	84	79627	0.584	ppbv	86
34) 2-Butanone	5.23	43	506239	3.827	ppbv	96
36) Benzene	6.87	78	457911	1.463	ppbv	97
38) Trichloroethene	7.81	130	869956	6.499	ppbv	96
52) Tetrachloroethene	11.21	164	7471253	60.041	ppbv	94
53) Toluene	9.79	91	481344	1.293	ppbv	100
58) Ethyl Benzene	12.69	91	210634	0.439	ppbv #	88
59) m/p-Xylene	12.94	91	542274m	1.368	ppbv	
60) o-Xylene	13.67	91	246028	0.651	ppbv	99
64) n-propylbenzene	15.54	120	27541	0.197	ppbv	78
70) n-Butylbenzene	18.54	91	78100	0.143	ppbv #	82
72) 4-Ethyltoluene	15.82	105	122239	0.273	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.97	105	101785	0.242	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	347160	0.797	ppbv #	69

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

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