

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036999.D
 Acq On : 19 May 2021 19:47
 Operator : SY/AP
 Sample : M2424-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-03

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:01:50 PM

Quant Time: May 22 22:11:15 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	1108130	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3427257	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3307461	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2584380	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	32880	0.175	ppbv	93
3) Chlorodifluoromethane	2.97	51	61152	0.301	ppbv #	88
4) Chloromethane	3.12	50	104622	1.514	ppbv	91
9) Propene	3.00	41	303354	4.173	ppbv	99
10) Heptane	8.10	43	1465373	8.089	ppbv	100
11) Trichlorofluoromethane	3.93	101	70627	0.406	ppbv	97
13) Ethanol	3.59	45	1010461	104.179	ppbv	92
15) Acetone	3.83	43	14534972	128.059	ppbv #	88
17) tert-Butyl alcohol	4.29	59	235511	2.265	ppbv #	91
19) Isopropyl Alcohol	3.96	45	282660	4.633	ppbv #	30
20) Methylene Chloride	4.33	84	1867559	30.695	ppbv	99
26) Hexane	5.66	57	1811981	13.005	ppbv #	43
27) Carbon Disulfide	4.53	76	114542	0.816	ppbv #	87
29) Chloroform	5.74	83	36411	0.185	ppbv	100
30) Cyclohexane	7.11	84	95275m	0.805	ppbv	
34) 2-Butanone	5.23	43	1451301	11.629	ppbv	98
35) Carbon Tetrachloride	7.00	117	8028m	0.035	ppbv	
36) Benzene	6.87	78	204990	0.694	ppbv	97
38) Trichloroethene	7.81	130	3890m	0.031	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	180781	0.878	ppbv	91
51) 2-Hexanone	10.11	43	408477	3.752	ppbv #	90
52) Tetrachloroethene	11.20	164	5964m	0.051	ppbv	
53) Toluene	9.78	91	2315276	6.591	ppbv	99
58) Ethyl Benzene	12.68	91	109905	0.235	ppbv	93
59) m/p-Xylene	12.94	91	202070m	0.524	ppbv	
60) o-Xylene	13.66	91	73844m	0.201	ppbv	
61) Styrene	13.51	104	71105	0.343	ppbv #	87
64) n-propylbenzene	15.55	120	19118m	0.140	ppbv	
72) 4-Ethyltoluene	15.82	105	102652m	0.235	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	154855	0.378	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	347378m	0.819	ppbv	

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

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