

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037004.D
 Acq On : 19 May 2021 23:10
 Operator : SY/AP
 Sample : M2424-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-06

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:10 PM

Quant Time: May 22 22:39:54 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	5.65	49	1188931	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3559259	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3294435	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2762919	11.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	39445	0.196	ppbv	100
3) Chlorodifluoromethane	2.97	51	53070	0.244	ppbv	93
4) Chloromethane	3.12	50	42028	0.567	ppbv	94
9) Propene	3.00	41	245319	3.145	ppbv	94
10) Heptane	8.10	43	162904	0.838	ppbv	99
11) Trichlorofluoromethane	3.93	101	42334	0.227	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.47	101	13736m	0.103	ppbv	
13) Ethanol	3.60	45	493910	47.462	ppbv	94
15) Acetone	3.83	43	9627017	79.053	ppbv	98
17) tert-Butyl alcohol	4.29	59	91858	0.823	ppbv #	92
19) Isopropyl Alcohol	3.96	45	129222	1.974	ppbv #	30
20) Methylene Chloride	4.32	84	2116861	32.428	ppbv	99
24) 1,1-Dichloroethane	4.99	63	119551	0.859	ppbv	97
26) Hexane	5.66	57	2064580	13.811	ppbv #	45
27) Carbon Disulfide	4.53	76	174095	1.156	ppbv	98
29) Chloroform	5.73	83	690771	3.271	ppbv	98
30) Cyclohexane	7.11	84	55061m	0.433	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	2531448	11.162	ppbv	99
34) 2-Butanone	5.23	43	760697	5.870	ppbv	99
36) Benzene	6.87	78	85641	0.279	ppbv	96
38) Trichloroethene	7.81	130	17982m	0.137	ppbv	
52) Tetrachloroethene	11.19	164	163516m	1.341	ppbv	
53) Toluene	9.78	91	421148	1.154	ppbv	99
58) Ethyl Benzene	12.69	91	101467	0.218	ppbv	91
59) m/p-Xylene	12.94	91	217709m	0.566	ppbv	
60) o-Xylene	13.66	91	88002	0.240	ppbv	96
61) Styrene	13.50	104	53640	0.260	ppbv #	87
64) n-propylbenzene	15.54	120	19224m	0.141	ppbv	
72) 4-Ethyltoluene	15.82	105	104502	0.240	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.97	105	125888	0.308	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	361679	0.856	ppbv #	71

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

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