

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037008.D
 Acq On : 20 May 2021 1:47
 Operator : SY/AP
 Sample : M2424-14
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSS-01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:25 PM

Quant Time: May 20 08:28:15 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	1075003	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3108738	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2869058	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2188803	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	34781	0.191	ppbv	97
3) Chlorodifluoromethane	2.97	51	51844	0.263	ppbv #	86
4) Chloromethane	3.12	50	17372m	0.259	ppbv	
7) Chloroethane	3.54	64	3385	0.142	ppbv	91
9) Propene	3.00	41	231145	3.278	ppbv	84
10) Heptane	8.10	43	63218	0.360	ppbv	93
11) Trichlorofluoromethane	3.93	101	51886	0.307	ppbv	95
13) Ethanol	3.60	45	1377107	146.356	ppbv	95
15) Acetone	3.83	43	7286985	66.180	ppbv	99
17) tert-Butyl alcohol	4.29	59	79072	0.784	ppbv #	91
19) Isopropyl Alcohol	3.96	45	198156	3.348	ppbv #	1
20) Methylene Chloride	4.32	84	1409962	23.888	ppbv	99
24) 1,1-Dichloroethane	4.99	63	41223	0.328	ppbv	98
26) Hexane	5.66	57	1322733	9.786	ppbv #	44
27) Carbon Disulfide	4.53	76	137011	1.006	ppbv	98
29) Chloroform	5.73	83	185207	0.970	ppbv	91
30) Cyclohexane	7.10	84	22327	0.194	ppbv #	71
32) 1,1,1-Trichloroethane	6.48	97	499931	2.438	ppbv	98
34) 2-Butanone	5.22	43	490983	4.337	ppbv	97
35) Carbon Tetrachloride	7.00	117	9163m	0.044	ppbv	
36) Benzene	6.86	78	226502	0.846	ppbv	96
44) 2,2,4-Trimethylpentane	7.85	57	71617	0.156	ppbv #	42
50) 4-Methyl-2-Pentanone	8.73	43	58190	0.312	ppbv	95
51) 2-Hexanone	10.12	43	82307m	0.833	ppbv	
52) Tetrachloroethene	11.19	164	194260	1.824	ppbv	98
53) Toluene	9.78	91	1372267	4.307	ppbv	98
58) Ethyl Benzene	12.68	91	148528	0.367	ppbv	98
59) m/p-Xylene	12.94	91	246811	0.737	ppbv	97
60) o-Xylene	13.66	91	102558	0.321	ppbv	98
61) Styrene	13.50	104	55575m	0.309	ppbv	
64) n-propylbenzene	15.53	120	16341m	0.138	ppbv	
72) 4-Ethyltoluene	15.82	105	89687	0.237	ppbv #	89
73) 1,3,5-Trimethylbenzene	15.97	105	114931	0.323	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	321179	0.873	ppbv #	71

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

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