

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037434.D
 Acq On : 13 Aug 2021 4:53
 Operator : SY/AP
 Sample : M3211-04RE 2.7X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4RE

Manual Integrations
 APPROVED

apatel
 8/13/2021 3:03:24 PM

Quant Time: Aug 13 11:34:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1193168	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3608888	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2984367	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2268413	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	20159m	0.111	ppbv	
3) Chlorodifluoromethane	2.99	51	25532m	0.109	ppbv	
4) Chloromethane	3.14	50	18431m	0.219	ppbv	
9) Propene	3.01	41	131909	1.677	ppbv	91
10) Heptane	8.12	43	11483m	0.060	ppbv	
11) Trichlorofluoromethane	3.95	101	600162	3.043	ppbv	96
13) Ethanol	3.61	45	157014m	18.699	ppbv	
15) Acetone	3.84	43	1847570	14.601	ppbv	95
17) tert-Butyl alcohol	4.31	59	16601m	0.137	ppbv	
19) Isopropyl Alcohol	3.98	45	67527	0.917	ppbv #	1
20) Methylene Chloride	4.34	84	1147497	17.150	ppbv	97
26) Hexane	5.68	57	946984	6.085	ppbv #	48
27) Carbon Disulfide	4.55	76	10370m	0.079	ppbv	
29) Chloroform	5.75	83	98167	0.448	ppbv	98
30) Cyclohexane	7.13	84	16464m	0.128	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	3884m	0.018	ppbv	
34) 2-Butanone	5.24	43	1958711	13.146	ppbv	94
35) Carbon Tetrachloride	7.02	117	50336	0.226	ppbv #	83
36) Benzene	6.89	78	41792	0.137	ppbv #	93
38) Trichloroethene	7.83	130	34505m	0.257	ppbv	
41) Tetrahydrofuran	6.04	42	1413435	20.657	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	24889m	0.049	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	18364m	0.098	ppbv	
51) 2-Hexanone	10.15	43	142715	1.618	ppbv #	90
52) Tetrachloroethene	11.22	164	9526m	0.074	ppbv	
53) Toluene	9.80	91	98193	0.283	ppbv	99
58) Ethyl Benzene	12.70	91	33728m	0.083	ppbv	
59) m/p-Xylene	12.97	91	82399m	0.232	ppbv	
60) o-Xylene	13.68	91	37299m	0.113	ppbv	
61) Styrene	13.53	104	5796m	0.035	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	14903m	0.041	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	44760m	0.121	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	36143m	0.159	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	25516m	0.113	ppbv	
79) Naphthalene	22.18	128	12650m	0.063	ppbv	
80) Naphthalene,2-methyl-	25.00	142	439m	0.010	ppbv	

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

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