

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037403.D
 Acq On : 11 Aug 2021 23:55
 Operator : SY/AP
 Sample : M3121-01RE
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-1RE

Manual Integrations
 APPROVED

apatel
 8/12/2021 10:17:26 AM

Quant Time: Aug 12 06:09:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1193422	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3571206	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3113340	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2139865	9.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	40806m	0.189	ppbv	
3) Chlorodifluoromethane	2.99	51	362419	1.633	ppbv	95
4) Chloromethane	3.14	50	47689m	0.584	ppbv	
5) Vinyl Chloride	3.26	62	6743	0.081	ppbv #	68
9) Propene	3.01	41	45089m	0.597	ppbv	
10) Heptane	8.13	43	26065m	0.146	ppbv	
11) Trichlorofluoromethane	3.95	101	55569m	0.306	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.49	101	19869m	0.154	ppbv	
13) Ethanol	3.62	45	236708	25.958	ppbv	98
15) Acetone	3.85	43	779800	6.858	ppbv	97
19) Isopropyl Alcohol	3.98	45	235328m	3.595	ppbv	
20) Methylene Chloride	4.34	84	965733	15.641	ppbv	94
26) Hexane	5.69	57	838299	5.686	ppbv #	46
29) Chloroform	5.75	83	32233m	0.152	ppbv	
30) Cyclohexane	7.13	84	29107m	0.239	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	14766m	0.072	ppbv	
34) 2-Butanone	5.25	43	61335	0.452	ppbv #	75
35) Carbon Tetrachloride	7.01	117	24802m	0.125	ppbv	
36) Benzene	6.89	78	63301m	0.223	ppbv	
38) Trichloroethene	7.84	130	11112m	0.092	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	108119m	0.229	ppbv	
52) Tetrachloroethene	11.22	164	14963m	0.130	ppbv	
53) Toluene	9.81	91	710063	2.160	ppbv	100
59) m/p-Xylene	12.97	91	94358m	0.264	ppbv	
60) o-Xylene	13.68	91	43103m	0.130	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.69	83	17725m	0.071	ppbv	
72) 4-Ethyltoluene	15.83	105	41072m	0.106	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	37493m	0.104	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	72728m	0.199	ppbv	

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

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