

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038122.D
 Acq On : 24 Nov 2021 6:00
 Operator : SY/AP
 Sample : M4805-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-CURATED-HOME

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 26 06:00:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	867123	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2457425	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2184340	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1806818	11.47	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	27899	0.195 ppbv	94
4) Chloromethane	3.14	50	35725	0.576 ppbv #	85
9) Propene	3.01	41	205423	3.063 ppbv #	80
10) Heptane	8.10	43	135753	0.819 ppbv	98
11) Trichlorofluoromethane	3.94	101	240663	1.767 ppbv	96
13) Ethanol	3.60	45	1396373	215.459 ppbv	90
15) Acetone	3.83	43	4290082	57.063 ppbv	99
17) tert-Butyl alcohol	4.29	59	224348	2.460 ppbv	99
19) Isopropyl Alcohol	3.96	45	5956351	109.651 ppbv	100
20) Methylene Chloride	4.34	84	91424	2.171 ppbv	98
25) Ethyl Acetate	5.66	43	316332	1.266 ppbv #	97
26) Hexane	5.67	57	145377m	1.207 ppbv	
27) Carbon Disulfide	4.54	76	26234m	0.243 ppbv	
29) Chloroform	5.74	83	72636m	0.409 ppbv	
30) Cyclohexane	7.11	84	17853m	0.163 ppbv	
34) 2-Butanone	5.23	43	207125	2.090 ppbv	96
35) Carbon Tetrachloride	7.01	117	10263m	0.059 ppbv	
36) Benzene	6.87	78	236039	0.963 ppbv	97
38) Trichloroethene	7.81	130	7250m	0.078 ppbv	
40) 1,4-Dioxane	7.83	88	36440m	1.487 ppbv	
41) Tetrahydrofuran	6.04	42	114666m	1.864 ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	47186m	0.115 ppbv	
52) Tetrachloroethene	11.20	164	3428319	37.797 ppbv	98
53) Toluene	9.78	91	612520	2.172 ppbv	98
58) Ethyl Benzene	12.68	91	307206	0.851 ppbv	94
59) m/p-Xylene	12.94	91	203484m	0.670 ppbv	
60) o-Xylene	13.66	91	84340	0.299 ppbv	99
61) Styrene	13.50	104	2494951	16.506 ppbv	93
62) Isopropylbenzene	14.64	105	768655	1.921 ppbv	95
64) n-propylbenzene	15.53	120	14117m	0.138 ppbv	
69) p-Isopropyltoluene	17.63	119	81195m	0.211 ppbv	
72) 4-Ethyltoluene	15.81	105	41093m	0.126 ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	48916m	0.164 ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	161941	0.526 ppbv #	69
79) Naphthalene	22.15	128	27498m	0.170 ppbv	

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

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