

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036229.D
 Acq On : 13 Jan 2021 17:27
 Operator : SY/AP
 Sample : M1066-03
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS3

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 3:49:38 PM

Quant Time: Jan 16 22:02:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1491351	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3321531	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	2892552	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2384759	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	30512	0.153	ppbv	98
3) Chlorodifluoromethane	2.99	51	45539m	0.249	ppbv	
4) Chloromethane	3.14	50	31162	0.344	ppbv	90
9) Propene	3.01	41	235473	2.700	ppbv	94
10) Heptane	8.13	43	50745m	0.234	ppbv	
11) Trichlorofluoromethane	3.95	101	51837m	0.255	ppbv	
13) Ethanol	3.64	45	1805409	131.824	ppbv	85
15) Acetone	3.85	43	4630154	25.350	ppbv	98
17) tert-Butyl alcohol	4.32	59	372173	2.469	ppbv	99
19) Isopropyl Alcohol	4.01	45	233858m	2.124	ppbv	
20) Methylene Chloride	4.35	84	2030314	34.828	ppbv	96
24) 1,1-Dichloroethane	5.01	63	370730m	2.312	ppbv	
26) Hexane	5.69	57	2633267	17.248	ppbv #	36
29) Chloroform	5.76	83	90557m	0.414	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	1728626	8.176	ppbv	99
34) 2-Butanone	5.25	43	403455m	1.649	ppbv	
35) Carbon Tetrachloride	7.02	117	22644m	0.108	ppbv	
36) Benzene	6.90	78	209001m	0.687	ppbv	
38) Trichloroethene	7.84	130	23815m	0.211	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	68960m	0.123	ppbv	
52) Tetrachloroethene	11.23	164	122807	1.095	ppbv	92
53) Toluene	9.81	91	422629	1.241	ppbv	98
58) Ethyl Benzene	12.72	91	108552	0.253	ppbv	96
59) m/p-Xylene	12.97	91	299616m	0.812	ppbv	
60) o-Xylene	13.70	91	120792m	0.340	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	55931m	0.146	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	184249	0.470	ppbv #	69

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

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