

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036995.D
 Acq On : 19 May 2021 17:10
 Operator : SY/AP
 Sample : M2424-11
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KIA-01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:01:37 PM

Quant Time: May 21 16:59:44 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	1187606	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3683991	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3385145	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2525559	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	34865	0.173	ppbv #	87
3) Chlorodifluoromethane	2.97	51	75769m	0.348	ppbv	
4) Chloromethane	3.12	50	42687	0.577	ppbv	98
9) Propene	3.01	41	230808m	2.963	ppbv	
10) Heptane	8.10	43	24067m	0.124	ppbv	
11) Trichlorofluoromethane	3.93	101	90879	0.487	ppbv	86
13) Ethanol	3.60	45	8357888	804.036	ppbv	95
15) Acetone	3.83	43	2264327	18.615	ppbv	93
19) Isopropyl Alcohol	3.97	45	586959	8.976	ppbv #	35
20) Methylene Chloride	4.33	84	4310192	66.102	ppbv	94
26) Hexane	5.67	57	3878706	25.975	ppbv #	47
29) Chloroform	5.74	83	81748	0.387	ppbv	88
30) Cyclohexane	7.11	84	27949	0.220	ppbv #	20
34) 2-Butanone	5.23	43	103903	0.775	ppbv	99
35) Carbon Tetrachloride	7.00	117	23265m	0.095	ppbv	
36) Benzene	6.87	78	97781	0.308	ppbv	99
44) 2,2,4-Trimethylpentane	7.85	57	83494m	0.153	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	49760m	0.225	ppbv	
52) Tetrachloroethene	11.21	164	12197m	0.097	ppbv	
53) Toluene	9.78	91	387638	1.027	ppbv	98
58) Ethyl Benzene	12.68	91	54611m	0.114	ppbv	
59) m/p-Xylene	12.95	91	109689m	0.278	ppbv	
60) o-Xylene	13.66	91	43046	0.114	ppbv	99
61) Styrene	13.50	104	22574m	0.106	ppbv	
69) p-Isopropyltoluene	17.63	119	114523m	0.200	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	75885m	0.181	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	150965m	0.348	ppbv	

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

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