

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037509.D
 Acq On : 19 Aug 2021 21:52
 Operator : SY/AP
 Sample : M3480-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-3

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:38 PM

Quant Time: Aug 20 15:04:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1391163	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4216922	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3621744	10.00	ppbv	0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2578905	10.02	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	48302	0.216	ppbv	90
3) Chlorodifluoromethane	2.99	51	1364564m	5.122	ppbv	
9) Propene	3.02	41	76836m	0.806	ppbv	
11) Trichlorofluoromethane	3.96	101	44613m	0.213	ppbv	
13) Ethanol	3.61	45	3402572	366.860	ppbv	98
15) Acetone	3.85	43	6590401	46.549	ppbv	99
17) tert-Butyl alcohol	4.30	59	697523	5.393	ppbv	99
19) Isopropyl Alcohol	3.97	45	838113	10.333	ppbv #	1
20) Methylene Chloride	4.35	84	3043670	42.937	ppbv	99
26) Hexane	5.69	57	2349179	13.368	ppbv #	48
27) Carbon Disulfide	4.56	76	27914m	0.178	ppbv	
29) Chloroform	5.75	83	110186	0.442	ppbv	89
31) cis-1,2-Dichloroethene	5.56	61	25317m	0.159	ppbv	
34) 2-Butanone	5.25	43	431627	2.507	ppbv #	72
35) Carbon Tetrachloride	7.02	117	8645m	0.035	ppbv	
36) Benzene	6.89	78	549592	1.550	ppbv #	92
38) Trichloroethene	7.84	130	137807m	0.947	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	53772m	0.239	ppbv	
51) 2-Hexanone	10.14	43	69801m	0.676	ppbv	
52) Tetrachloroethene	11.22	164	67147m	0.462	ppbv	
53) Toluene	9.81	91	233914m	0.578	ppbv	
59) m/p-Xylene	12.97	91	172641m	0.396	ppbv	
60) o-Xylene	13.69	91	146296	0.360	ppbv	98
61) Styrene	13.53	104	76863m	0.364	ppbv	
62) Isopropylbenzene	14.67	105	670661	1.169	ppbv	98
69) p-Isopropyltoluene	17.64	119	62033m	0.104	ppbv	
72) 4-Ethyltoluene	15.84	105	47518m	0.098	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	65346m	0.145	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	165858	0.347	ppbv #	62
79) Naphthalene	22.19	128	201648	0.630	ppbv #	96

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

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