

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036669.D
 Acq On : 3 Apr 2021 6:56
 Operator : SY/AP
 Sample : M1853-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-02

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:14:30 PM

Quant Time: Apr 04 17:30:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1174042	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2995730	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2619228	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2101435	10.07	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	34504	0.180	ppbv	94
3) Chlorodifluoromethane	2.97	51	103403	0.471	ppbv	95
4) Chloromethane	3.12	50	20126	0.260	ppbv #	75
9) Propene	3.01	41	25382m	0.363	ppbv	
11) Trichlorofluoromethane	3.93	101	31645	0.162	ppbv	86
13) Ethanol	3.60	45	1342809	161.252	ppbv	91
15) Acetone	3.83	43	1570802	13.594	ppbv	92
17) tert-Butyl alcohol	4.29	59	1522450	15.135	ppbv	100
19) Isopropyl Alcohol	3.97	45	343693	5.407	ppbv #	1
20) Methylene Chloride	4.32	84	2154311	39.819	ppbv	94
26) Hexane	5.66	57	1874293	14.702	ppbv #	46
30) Cyclohexane	7.10	84	17948m	0.174	ppbv	
34) 2-Butanone	5.22	43	116629	0.798	ppbv	98
35) Carbon Tetrachloride	6.99	117	10070m	0.044	ppbv	
36) Benzene	6.86	78	38876m	0.141	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	204744	0.421	ppbv	92
52) Tetrachloroethene	11.20	164	5158m	0.051	ppbv	
53) Toluene	9.78	91	140751	0.478	ppbv	99
58) Ethyl Benzene	12.68	91	61112	0.160	ppbv	93
59) m/p-Xylene	12.93	91	275798m	0.830	ppbv	
60) o-Xylene	13.66	91	130374	0.406	ppbv	100
69) p-Isopropyltoluene	17.63	119	114185	0.276	ppbv	96
70) n-Butylbenzene	18.55	91	133969m	0.312	ppbv	
72) 4-Ethyltoluene	15.81	105	43656m	0.124	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	54830m	0.167	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	266780	0.758	ppbv #	65
79) Naphthalene	22.18	128	187058	0.911	ppbv #	95

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

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