

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035943.D
 Acq On : 16 Nov 2020 14:40
 Operator : SY/AP
 Sample : L4755-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AS-EFF-201112

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 2:11:17 PM

Quant Time: Nov 17 21:41:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1122955	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3842491	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3916928	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2907647	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	303788	1.437	ppbv	96
3) Chlorodifluoromethane	2.98	51	984075	7.318	ppbv	100
4) Chloromethane	3.14	50	29669	0.454	ppbv	94
9) Propene	3.02	41	24843m	0.505	ppbv	
11) Trichlorofluoromethane	3.95	101	5028673	18.942	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	148137	0.749	ppbv	99
13) Ethanol	3.60	45	347937	32.584	ppbv	99
15) Acetone	3.85	43	251522	2.095	ppbv	90
18) 1,1-Dichloroethene	4.29	96	407709	4.493	ppbv	97
20) Methylene Chloride	4.34	84	51416	0.608	ppbv	95
22) trans-1,2-Dichloroethene	4.89	96	97764	1.063	ppbv	98
24) 1,1-Dichloroethane	5.01	63	294426	1.836	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	448420	1.914	ppbv	98
29) Chloroform	5.75	83	240199	0.937	ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	2763728	20.597	ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	132250	0.494	ppbv	94
34) 2-Butanone	5.26	43	72372	0.580	ppbv	95
35) Carbon Tetrachloride	7.02	117	105977	0.516	ppbv	97
36) Benzene	6.89	78	54519m	0.191	ppbv	
38) Trichloroethene	7.84	130	12292306	88.097	ppbv	# 91
41) Tetrahydrofuran	6.07	42	14945m	0.211	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	14696m	0.112	ppbv	
52) Tetrachloroethene	11.24	164	9101173m	67.248	ppbv	
53) Toluene	9.82	91	301264	0.874	ppbv	98
59) m/p-Xylene	12.97	91	79847	0.198	ppbv	99
60) o-Xylene	13.71	91	38405m	0.098	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	73698	0.158	ppbv	# 74
78) Hexachloro-1,3-Butadiene	23.39	225	23802m	0.176	ppbv	
79) Naphthalene	22.22	128	33565m	0.103	ppbv	

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

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