

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033037.D
 Acq On : 20 Dec 2018 22:43
 Operator : SY/AP
 Sample : J6480-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:28 AM

Quant Time: Dec 21 06:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1376496	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3203044	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2115561	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2333246	14.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	149.30%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	79740	0.434	ppbv	94
3) Chlorodifluoromethane	3.02	51	30342m	0.291	ppbv	
4) Chloromethane	3.17	50	14356	0.237	ppbv	97
7) Chloroethane	3.60	64	30749	1.389	ppbv	93
9) Propene	3.05	41	24505m	0.594	ppbv	
11) Trichlorofluoromethane	4.01	101	65509	0.378	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.56	101	131673	0.891	ppbv	100
13) Ethanol	3.66	45	84133m	5.928	ppbv	
15) Acetone	3.91	43	516597	4.372	ppbv	90
17) tert-Butyl alcohol	4.37	59	43556m	1.448	ppbv	
18) 1,1-Dichloroethene	4.36	96	72908	1.260	ppbv	100
19) Isopropyl Alcohol	4.03	45	367049	4.947	ppbv #	98
20) Methylene Chloride	4.41	84	62676	1.085	ppbv	93
22) trans-1,2-Dichloroethene	4.97	96	132208	1.841	ppbv	95
24) 1,1-Dichloroethane	5.10	63	1957957	11.256	ppbv	99
26) Hexane	5.78	57	67076	0.521	ppbv #	50
29) Chloroform	5.85	83	29401m	0.128	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	15157574	62.306	ppbv	93
34) 2-Butanone	5.35	43	69902	0.501	ppbv	96
38) Trichloroethene	7.97	130	9380m	0.096	ppbv	
53) Toluene	9.95	91	731309	2.927	ppbv	99
58) Ethyl Benzene	12.87	91	39600m	0.175	ppbv	
59) m/p-Xylene	13.13	91	160843m	0.786	ppbv	
60) o-Xylene	13.85	91	75357	0.365	ppbv	99
69) p-Isopropyltoluene	17.82	119	241578	0.757	ppbv	95
74) 1,2,4-Trimethylbenzene	16.93	105	142888	0.562	ppbv #	65

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

