

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
 Data File : VL034218.D
 Acq On : 2 Oct 2019 19:51
 Operator : SY/AP
 Sample : K5106-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:30:26 PM

Quant Time: Oct 04 02:28:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	920802	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1716984	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1741449	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1506791	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.03	85	45629	0.335	ppbv	89
3) Chlorodifluoromethane	2.96	51	24394m	0.226	ppbv	
4) Chloromethane	3.12	50	17242	0.272	ppbv	98
5) Vinyl Chloride	3.24	62	4564m	0.079	ppbv	
9) Propene	2.99	41	1604647	30.125	ppbv	92
10) Heptane	8.18	43	120261	0.866	ppbv	95
11) Trichlorofluoromethane	3.95	101	31657	0.256	ppbv	98
13) Ethanol	3.60	45	201255	15.603	ppbv	94
15) Acetone	3.85	43	3084765m	24.996	ppbv	
17) tert-Butyl alcohol	4.30	59	339872	4.346	ppbv	100
19) Isopropyl Alcohol	3.98	45	136527	1.799	ppbv #	95
20) Methylene Chloride	4.36	84	153651	4.318	ppbv	93
26) Hexane	5.72	57	508973	5.243	ppbv #	52
27) Carbon Disulfide	4.56	76	227648	2.543	ppbv #	92
29) Chloroform	5.78	83	29989m	0.216	ppbv	
30) Cyclohexane	7.17	84	80189m	1.144	ppbv	
34) 2-Butanone	5.26	43	826695	4.715	ppbv	97
35) Carbon Tetrachloride	7.07	117	5227m	0.037	ppbv	
36) Benzene	6.93	78	110933	0.585	ppbv #	89
38) Trichloroethene	7.89	130	5110m	0.075	ppbv	
41) Tetrahydrofuran	6.09	42	14290m	0.145	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	83560	0.229	ppbv #	46
50) 4-Methyl-2-Pentanone	8.81	43	64288m	0.252	ppbv	
51) 2-Hexanone	10.19	43	76857m	0.359	ppbv	
52) Tetrachloroethene	11.29	164	494447	7.892	ppbv	96
53) Toluene	9.86	91	871042	4.203	ppbv	98
58) Ethyl Benzene	12.78	91	134182m	0.478	ppbv	
59) m/p-Xylene	13.04	91	347877	1.495	ppbv	99
60) o-Xylene	13.77	91	155266m	0.667	ppbv	
61) Styrene	13.60	104	23740m	0.142	ppbv	
64) n-propylbenzene	15.63	120	13499m	0.177	ppbv	
69) p-Isopropyltoluene	17.74	119	30189m	0.099	ppbv	
72) 4-Ethyltoluene	15.92	105	64264	0.244	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.08	105	64210	0.253	ppbv	93
74) 1,2,4-Trimethylbenzene	16.84	105	215813	0.800	ppbv #	68
75) 1,3-Dichlorobenzene	17.07	146	16601m	0.115	ppbv	
79) Naphthalene	22.30	128	31706m	0.134	ppbv	

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

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