

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032206.D
 Acq On : 5 Jul 2018 16:44
 Operator : SY/AP
 Sample : OC061318 CAN 10444
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10444

Quant Time: Jul 06 04:28:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1545432	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3904086	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3907032	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3058209	10.24	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.13	85	12978	0.06	ppbv	100
4) Chloromethane	3.23	50	13176	0.13	ppbv #	77
5) Vinyl Chloride	3.35	62	11758	0.12	ppbv	89
6) Bromomethane	3.58	94	5270	0.09	ppbv	97
7) Chloroethane	3.66	64	1860	0.05	ppbv #	85
8) Dichlorotetrafluoroethane	3.28	85	24272	0.11	ppbv	87
9) Propene	3.09	41	10197	0.12	ppbv	99
11) Trichlorofluoromethane	4.07	101	25243	0.11	ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.62	101	20322	0.14	ppbv	99
14) Bromoethene	3.85	108	3796	0.05	ppbv #	12
15) Acetone	3.98	43	42022	0.23	ppbv	90
16) 1,3-Butadiene	3.42	39	6232	0.07	ppbv #	62
17) tert-Butyl alcohol	4.46	59	11466	0.10	ppbv #	69
18) 1,1-Dichloroethene	4.42	96	6415	0.09	ppbv #	72
19) Isopropyl Alcohol	4.11	45	11271	0.08	ppbv #	49
20) Methylene Chloride	4.48	84	25334	0.38	ppbv #	86
21) Allyl Chloride	4.54	41	14072	0.11	ppbv #	56
22) trans-1,2-Dichloroethene	5.04	96	6697	0.09	ppbv	80
24) 1,1-Dichloroethane	5.16	63	17447	0.08	ppbv	96
25) Ethyl Acetate	5.86	43	45924	0.12	ppbv #	95
26) Hexane	5.86	57	29869	0.17	ppbv #	76
27) Carbon Disulfide	4.69	76	15796	0.09	ppbv #	1
28) Methyl tert-Butyl Ether	5.21	73	21282	0.07	ppbv #	79
29) Chloroform	5.92	83	29237	0.12	ppbv	94
30) Cyclohexane	7.33	84	7979	0.05	ppbv #	1
31) cis-1,2-Dichloroethene	5.72	61	8338	0.05	ppbv	88
32) 1,1,1-Trichloroethane	6.70	97	13475	0.05	ppbv #	17
34) 2-Butanone	5.43	43	29298	0.12	ppbv	96
36) Benzene	7.09	78	47086	0.12	ppbv #	84
37) 1,2-Dichloroethane	6.49	62	23078	0.12	ppbv	98
38) Trichloroethene	8.04	130	16572	0.11	ppbv #	85
39) 1,2-Dichloropropane	7.82	63	12758	0.09	ppbv #	77
42) Bromodichloromethane	8.00	83	19612	0.07	ppbv	95
43) Methyl Methacrylate	8.23	69	6984	0.04	ppbv #	1
44) 2,2,4-Trimethylpentane	8.08	57	66755	0.10	ppbv	91
46) cis-1,3-Dichloropropene	8.93	75	12870	0.06	ppbv #	94
47) 1,1,2-Trichloroethane	9.70	97	7450	0.05	ppbv #	61
48) Dibromochloromethane	10.54	129	10373	0.04	ppbv #	8
51) 2-Hexanone	10.39	43	15718	0.05	ppbv #	25
52) Tetrachloroethene	11.47	164	17476	0.13	ppbv #	86
53) Toluene	10.04	91	40369	0.09	ppbv	95

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54) 1,2-Dibromoethane	10.85	107	19283	0.08	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.38	131	8592	0.05	ppbv #	1
57) Chlorobenzene	12.40	112	21752	0.06	ppbv #	87
58) Ethyl Benzene	12.96	91	63219	0.10	ppbv	95
59) m/p-Xylene	13.24	91	19718	0.04	ppbv #	29
60) o-Xylene	13.94	91	47661	0.09	ppbv	96
61) Styrene	13.77	104	27069	0.07	ppbv #	49
62) Isopropylbenzene	14.92	105	73956	0.10	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.93	83	39006	0.10	ppbv	91
64) n-propylbenzene	15.81	120	7657	0.04	ppbv #	1
65) tert-Butylbenzene	17.00	119	60568	0.09	ppbv #	77
67) sec-Butylbenzene	17.56	105	94138	0.09	ppbv	100
69) p-Isopropyltoluene	17.90	119	31457	0.04	ppbv #	40
70) n-Butylbenzene	18.81	91	53450	0.06	ppbv #	66
71) 2-Chlorotoluene	15.71	91	55153	0.09	ppbv	98
73) 1,3,5-Trimethylbenzene	16.25	105	62807	0.10	ppbv	92
74) 1,2,4-Trimethylbenzene	17.02	105	71147	0.12	ppbv	94
75) 1,3-Dichlorobenzene	17.26	146	27709	0.08	ppbv #	17
76) 1,4-Dichlorobenzene	17.39	146	15811	0.04	ppbv #	24
77) 1,2-Dichlorobenzene	18.08	146	19323	0.05	ppbv #	23
79) Naphthalene	22.53	128	41469	0.07	ppbv #	95
80) Naphthalene,2-methyl-	25.19	142	40616	0.20	ppbv	96

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

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