

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101920\
 Data File : VL035797.D
 Acq On : 19 Oct 2020 17:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 20 08:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1154604	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	4277513	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4477967m	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3212281	9.57	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	1796481	9.483	ppbv	99
3) Chlorodifluoromethane	2.97	51	1138645	9.167	ppbv	99
4) Chloromethane	3.12	50	620791	9.303	ppbv	100
5) Vinyl Chloride	3.24	62	721738	9.144	ppbv	100
6) Bromomethane	3.45	94	604040	9.054	ppbv	97
7) Chloroethane	3.54	64	264030	9.121	ppbv	100
8) Dichlorotetrafluoroethane	3.17	85	2053489	8.937	ppbv	98
9) Propene	2.99	41	435880	9.665	ppbv	99
10) Heptane	8.11	43	1310529	10.423	ppbv	99
11) Trichlorofluoromethane	3.93	101	2434143	9.005	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1807868	8.972	ppbv	99
13) Ethanol	3.58	45	88605	7.967	ppbv	100
14) Bromoethene	3.72	108	787904	9.283	ppbv	99
15) Acetone	3.83	43	1037126	8.348	ppbv	100
16) 1,3-Butadiene	3.31	39	461569	10.155	ppbv	97
17) tert-Butyl alcohol	4.27	59	1332141	9.844	ppbv	100
18) 1,1-Dichloroethene	4.27	96	833241	9.444	ppbv	96
19) Isopropyl Alcohol	3.95	45	631147	9.339	ppbv	99
20) Methylene Chloride	4.32	84	674374	7.390	ppbv	97
21) Allyl Chloride	4.39	41	604663	10.041	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	869278	9.326	ppbv	99
23) Vinyl Acetate	5.06	43	1542321	10.135	ppbv	100
24) 1,1-Dichloroethane	5.00	63	1512110	9.123	ppbv	99
25) Ethyl Acetate	5.66	43	2121691	9.491	ppbv	99
26) Hexane	5.67	57	1151188	9.397	ppbv	97
27) Carbon Disulfide	4.53	76	1869793	10.240	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	1923191	9.904	ppbv	99
29) Chloroform	5.74	83	2281221	9.170	ppbv	100
30) Cyclohexane	7.11	84	1231522	10.189	ppbv	97
31) cis-1,2-Dichloroethene	5.53	61	1206100	10.199	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	2209745	10.076	ppbv	99
34) 2-Butanone	5.23	43	1433875	10.135	ppbv	99
35) Carbon Tetrachloride	7.01	117	2276511	10.208	ppbv	98
36) Benzene	6.88	78	2836901	10.178	ppbv	100
37) 1,2-Dichloroethane	6.29	62	1421450	9.785	ppbv	99
38) Trichloroethene	7.82	130	1398657	10.059	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1010440	10.002	ppbv	99
40) 1,4-Dioxane	7.82	88	467416	10.117	ppbv	92
41) Tetrahydrofuran	6.03	42	801059	11.239	ppbv	97
42) Bromodichloromethane	7.78	83	2387044	10.201	ppbv	100
43) Methyl Methacrylate	8.00	69	1212966	10.942	ppbv	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101920\
 Data File : VL035797.D
 Acq On : 19 Oct 2020 17:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 20 08:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3973196	9.934	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1357939	12.133	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	1609290	11.665	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1375705	9.507	ppbv	99
48) Dibromochloromethane	10.29	129	2294758	10.420	ppbv	100
49) Bromoform	13.04	173	2018760	10.803	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2178626	10.543	ppbv	98
51) 2-Hexanone	10.12	43	1827893	10.979	ppbv	98
52) Tetrachloroethene	11.21	164	1295004	9.662	ppbv	97
53) Toluene	9.80	91	3559454	10.830	ppbv	99
54) 1,2-Dibromoethane	10.60	107	2155933	9.950	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1782945	9.496	ppbv	96
57) Chlorobenzene	12.14	112	2978041	8.805	ppbv	99
58) Ethyl Benzene	12.71	91	4674529	10.401	ppbv	98
59) m/p-Xylene	12.99	91	8082271m	20.592	ppbv	
60) o-Xylene	13.69	91	3937585	9.917	ppbv	99
61) Styrene	13.52	104	3018036	10.993	ppbv	99
62) Isopropylbenzene	14.66	105	5876365	9.542	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2870111	8.815	ppbv	99
64) n-propylbenzene	15.56	120	1777811	9.863	ppbv	94
65) tert-Butylbenzene	16.74	119	5398827	9.642	ppbv	99
66) Benzyl Chloride	16.99	91	2014945	11.878	ppbv	100
67) sec-Butylbenzene	17.29	105	7338126	9.490	ppbv	98
69) p-Isopropyltoluene	17.65	119	6163294	9.798	ppbv	99
70) n-Butylbenzene	18.55	91	6193274	9.561	ppbv	99
71) 2-Chlorotoluene	15.45	91	4518055	10.058	ppbv	98
72) 4-Ethyltoluene	15.84	105	4816854	10.241	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4460413	10.035	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4672728	9.326	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2999941	8.770	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	3035298	9.283	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2911981	9.013	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1552626	8.710	ppbv	100
79) Naphthalene	22.20	128	4351144	9.105	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	1212766	10.759	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	2208088	8.916	ppbv	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101920\
Data File : VL035797.D
Acq On : 19 Oct 2020 17:42
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Oct 20 08:34:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

