

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035906.D
 Acq On : 11 Nov 2020 10:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:43:59 PM

Quant Time: Nov 12 10:21:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 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	5.66	49	1202486	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4723130	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4320422m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3320309	10.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2001197	8.839 ppbv	99
3) Chlorodifluoromethane	2.98	51	1373401	9.537 ppbv	99
4) Chloromethane	3.13	50	685570	9.800 ppbv	98
5) Vinyl Chloride	3.25	62	857233	9.613 ppbv	97
6) Bromomethane	3.47	94	698525	9.740 ppbv	99
7) Chloroethane	3.55	64	328207	10.457 ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	2395313	9.245 ppbv	98
9) Propene	3.00	41	520645	9.878 ppbv	99
10) Heptane	8.12	43	1447040	9.940 ppbv	100
11) Trichlorofluoromethane	3.94	101	2725648	9.588 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2030473	9.593 ppbv	96
13) Ethanol	3.60	45	107860	9.433 ppbv	99
14) Bromoethene	3.73	108	914526	9.389 ppbv	100
15) Acetone	3.84	43	1207420	9.392 ppbv	100
16) 1,3-Butadiene	3.32	39	530962	9.593 ppbv	97
17) tert-Butyl alcohol	4.29	59	1735916	10.189 ppbv	100
18) 1,1-Dichloroethene	4.28	96	945756	9.732 ppbv	92
19) Isopropyl Alcohol	3.96	45	823198	10.420 ppbv	98
20) Methylene Chloride	4.34	84	779071	8.609 ppbv	99
21) Allyl Chloride	4.41	41	726055	10.444 ppbv	100
22) trans-1,2-Dichloroethene	4.88	96	957553	9.720 ppbv	96
23) Vinyl Acetate	5.07	43	1697562	9.420 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1656632	9.650 ppbv	100
25) Ethyl Acetate	5.67	43	2484628	9.811 ppbv	100
26) Hexane	5.69	57	1325268	9.489 ppbv	99
27) Carbon Disulfide	4.54	76	2058678	9.837 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2343029	9.342 ppbv	100
29) Chloroform	5.75	83	2579092	9.395 ppbv	100
30) Cyclohexane	7.13	84	1408710	9.260 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1407739	9.797 ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	2529551	8.830 ppbv	99
34) 2-Butanone	5.24	43	1593510	10.396 ppbv	100
35) Carbon Tetrachloride	7.02	117	2505889	9.930 ppbv	100
36) Benzene	6.89	78	3339957	9.512 ppbv	98
37) 1,2-Dichloroethane	6.31	62	1630731	10.251 ppbv	100
38) Trichloroethene	7.84	130	1518307	8.853 ppbv	97
39) 1,2-Dichloropropane	7.61	63	1153687	9.759 ppbv	99
40) 1,4-Dioxane	7.83	88	544007	9.709 ppbv	100
41) Tetrahydrofuran	6.05	42	942453	10.822 ppbv	100
42) Bromodichloromethane	7.79	83	2675249	9.967 ppbv	97
43) Methyl Methacrylate	8.01	69	1368089	10.215 ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035906.D
 Acq On : 11 Nov 2020 10:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:43:59 PM

Quant Time: Nov 12 10:21:19 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)
44) 2,2,4-Trimethylpentane	7.87	57	4487302	9.657	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1469846	10.352	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1820675	10.125	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1527592	9.483	ppbv	99
48) Dibromochloromethane	10.31	129	2482343	10.087	ppbv	100
49) Bromoform	13.05	173	2102073	10.123	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2430213	10.368	ppbv	100
51) 2-Hexanone	10.14	43	1994919	10.595	ppbv #	99
52) Tetrachloroethene	11.23	164	1422922	8.553	ppbv	98
53) Toluene	9.81	91	4026051	9.502	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2349369	9.590	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.13	131	1917461	9.888	ppbv #	93
57) Chlorobenzene	12.15	112	3236800	9.423	ppbv	98
58) Ethyl Benzene	12.72	91	5198255	9.879	ppbv	99
59) m/p-Xylene	13.00	91	8776212m	19.713	ppbv	
60) o-Xylene	13.70	91	4262232	9.842	ppbv	100
61) Styrene	13.53	104	3287232	10.359	ppbv	99
62) Isopropylbenzene	14.67	105	6427043	9.442	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3040866	9.062	ppbv	100
64) n-propylbenzene	15.57	120	1931756	9.818	ppbv	99
65) tert-Butylbenzene	16.75	119	5780011	9.329	ppbv	99
66) Benzyl Chloride	17.00	91	2107993	10.293	ppbv	100
67) sec-Butylbenzene	17.30	105	7847212	9.398	ppbv	100
69) p-Isopropyltoluene	17.66	119	6571837	9.538	ppbv	100
70) n-Butylbenzene	18.56	91	6515872	9.820	ppbv	99
71) 2-Chlorotoluene	15.46	91	4922867	9.887	ppbv	99
72) 4-Ethyltoluene	15.85	105	5187333	9.876	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4774678	9.933	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4954943	9.620	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	3098367	9.448	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	3072259	9.711	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3031036	9.481	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1492247	10.004	ppbv	99
79) Naphthalene	22.21	128	4143424	11.540	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	1054717	18.026	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	2073200	10.335	ppbv	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111020\
Data File : VL035906.D
Acq On : 11 Nov 2020 10:08
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010EC

Manual Integrations
APPROVED

MMDadoda
11/12/2020 1:43:59 PM

Quant Time: Nov 12 10:21:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

