

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036406.D
 Acq On : 26 Feb 2021 17:31
 Operator : SY/AP
 Sample : VL0226ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:35 AM

Quant Time: Feb 27 04:05:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1448760	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3395483	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	3450844m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2640924	9.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	2326132	10.758	ppbv	99
3) Chlorodifluoromethane	2.97	51	1986805	11.037	ppbv	100
4) Chloromethane	3.11	50	1003877	11.543	ppbv	99
5) Vinyl Chloride	3.23	62	998557	12.331	ppbv	98
6) Bromomethane	3.45	94	551145	11.450	ppbv	94
7) Chloroethane	3.53	64	346373	12.046	ppbv	97
8) Dichlorotetrafluoroethane	3.16	85	2274207	11.565	ppbv	97
9) Propene	2.99	41	890987	13.276	ppbv	96
10) Heptane	8.09	43	2359865	11.931	ppbv	99
11) Trichlorofluoromethane	3.93	101	2379717	11.240	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1580782	12.053	ppbv	100
13) Ethanol	3.58	45	130222m	10.330	ppbv	
14) Bromoethene	3.71	108	677190	12.337	ppbv	97
15) Acetone	3.83	43	1930763	10.903	ppbv	98
16) 1,3-Butadiene	3.30	39	969233	11.446	ppbv	99
17) tert-Butyl alcohol	4.27	59	1605468	11.679	ppbv	100
18) 1,1-Dichloroethene	4.26	96	674288	11.313	ppbv	99
19) Isopropyl Alcohol	3.94	45	1006507	10.259	ppbv #	97
20) Methylene Chloride	4.32	84	580127	10.154	ppbv	93
21) Allyl Chloride	4.38	41	1136293	11.524	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	665241	12.287	ppbv	90
23) Vinyl Acetate	5.04	43	2453701	11.784	ppbv	99
24) 1,1-Dichloroethane	4.98	63	1792878	11.642	ppbv	99
25) Ethyl Acetate	5.65	43	4011901	11.735	ppbv	99
26) Hexane	5.66	57	1604086	11.419	ppbv	99
27) Carbon Disulfide	4.52	76	1754580	13.591	ppbv	98
28) Methyl tert-Butyl Ether	5.01	73	2248262	12.252	ppbv	100
29) Chloroform	5.73	83	2567247	11.344	ppbv	99
30) Cyclohexane	7.10	84	1317518	11.278	ppbv	99
31) cis-1,2-Dichloroethene	5.52	61	1618235	11.643	ppbv	95
32) 1,1,1-Trichloroethane	6.48	97	2499284	11.813	ppbv	99
34) 2-Butanone	5.22	43	2498302	11.074	ppbv	99
35) Carbon Tetrachloride	6.99	117	2536719	11.147	ppbv	98
36) Benzene	6.86	78	3360959	11.652	ppbv	96
37) 1,2-Dichloroethane	6.28	62	2004575	11.241	ppbv	99
38) Trichloroethene	7.81	130	1143775	11.069	ppbv	93
39) 1,2-Dichloropropane	7.58	63	1340616	11.442	ppbv	98
40) 1,4-Dioxane	7.80	88	440977	10.863	ppbv #	1
41) Tetrahydrofuran	6.02	42	1520191	12.075	ppbv	98
42) Bromodichloromethane	7.76	83	2689557	11.261	ppbv	99
43) Methyl Methacrylate	7.98	69	1472581	12.106	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036406.D
 Acq On : 26 Feb 2021 17:31
 Operator : SY/AP
 Sample : VL0226ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:35 AM

Quant Time: Feb 27 04:05:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	5724640	10.915	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	1555434	13.255	ppbv	98
46) cis-1,3-Dichloropropene	8.67	75	1914060	12.841	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	1314015	10.958	ppbv	97
48) Dibromochloromethane	10.28	129	2166785	12.110	ppbv	100
49) Bromoform	13.01	173	1719637	11.888	ppbv	98
50) 4-Methyl-2-Pentanone	8.71	43	3839312	11.463	ppbv	100
51) 2-Hexanone	10.10	43	3100451	12.183	ppbv #	99
52) Tetrachloroethene	11.19	164	1081831m	10.245	ppbv	
53) Toluene	9.77	91	3659527	11.713	ppbv	99
54) 1,2-Dibromoethane	10.58	107	1935746	11.171	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.10	131	1617735	10.192	ppbv #	64
57) Chlorobenzene	12.12	112	2605239	9.771	ppbv	98
58) Ethyl Benzene	12.68	91	4911994	10.395	ppbv	98
59) m/p-Xylene	12.96	91	8279365m	19.948	ppbv	
60) o-Xylene	13.66	91	3878351	9.773	ppbv	99
61) Styrene	13.50	104	2765983	11.246	ppbv	98
62) Isopropylbenzene	14.64	105	5773664	9.706	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	2696089	8.610	ppbv	99
64) n-propylbenzene	15.53	120	1503195	10.268	ppbv	97
65) tert-Butylbenzene	16.72	119	4897641	9.623	ppbv	98
66) Benzyl Chloride	16.96	91	1649290	11.920	ppbv	99
67) sec-Butylbenzene	17.27	105	6975340	9.503	ppbv	99
69) p-Isopropyltoluene	17.63	119	5684377	10.021	ppbv	99
70) n-Butylbenzene	18.52	91	6037751	9.926	ppbv	99
71) 2-Chlorotoluene	15.42	91	4446580	9.751	ppbv	98
72) 4-Ethyltoluene	15.81	105	4445963	10.067	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	4234293	9.891	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	4246186	9.715	ppbv	97
75) 1,3-Dichlorobenzene	16.97	146	2274950	9.590	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	2238499	9.087	ppbv	95
77) 1,2-Dichlorobenzene	17.79	146	2251200	9.566	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1808378	9.405	ppbv	99
79) Naphthalene	22.16	128	3539968	13.664	ppbv	98
80) Naphthalene, 2-methyl-	24.95	142	605391	12.620	ppbv	97
81) 1,2,4-Trichlorobenzene	21.89	180	1842132	11.654	ppbv	99

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

