Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
Data File : VL040130.D
Acq On : 30 Jan 2023 13:24
Operator : SY/MD
Sample : VL0130ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 31 05:11:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.179	49	920219	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2503524	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2444616	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1896866	9.336	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1662815	10.305	ppbv	100
3) Chlorodifluoromethane	2.658	51	1079890	9.784	ppbv	96
4) Chloromethane	2.796	50	708723	10.389	ppbv	99
5) Vinyl Chloride	2.902	62	591941	10.235	ppbv	98
6) Bromomethane	3.102	94	200973	9.523	ppbv	99
7) Chloroethane	3.182	64	214888	9.721	ppbv	97
8) Dichlorotetrafluoroethane	2.838	85	1456715	9.671	ppbv	99
9) Propene	2.677	41	476279	10.386	ppbv	99
10) Heptane	7.571	43	1172620	11.095	ppbv	98
11) Trichlorofluoromethane	3.546	101	1451754	9.016	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.050	101	1099823	9.085	ppbv	96
13) Ethanol	3.227	45	32484m	7.696	ppbv	
14) Bromoethene	3.349	108	433242	9.641	ppbv	95
15) Acetone	3.452	43	1035826	9.386	ppbv	98
16) 1,3-Butadiene	2.967	39	529602	10.293	ppbv	99
17) tert-Butyl alcohol	3.861	59	1077286	10.482	ppbv	100
18) 1,1-Dichloroethene	3.864	96	489883	9.314	ppbv	95
19) Isopropyl Alcohol	3.558	45	534424	9.897	ppbv #	96
20) Methylene Chloride	3.915	84	405956	8.338	ppbv	95
21) Allyl Chloride	3.983	41	742075	10.472	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	534075	9.938	ppbv	94
23) Vinyl Acetate	4.610	43	385288	10.770	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1059182	9.777	ppbv	100
25) Ethyl Acetate	5.189	43	2147274	11.044	ppbv	100
26) Hexane	5.198	57	918306	10.792	ppbv	98
27) Carbon Disulfide	4.108	76	1286029	11.667	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1003781	10.486	ppbv	100
29) Chloroform	5.263	83	1502634	11.045	ppbv	98
30) Cyclohexane	6.587	84	803623	11.881	ppbv	93
31) cis-1,2-Dichloroethene	5.066	61	824564	10.010	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1504850	10.883	ppbv	99
34) 2-Butanone	4.771	43	1189958	10.049	ppbv	99
35) Carbon Tetrachloride	6.481	117	1603497	11.328	ppbv	98
36) Benzene	6.359	78	2013480	10.868	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1154534	9.695	ppbv	98
38) Trichloroethene	7.282	130	1169479	11.122	ppbv	97
39) 1,2-Dichloropropane	7.063	63	764920	10.555	ppbv	93
40) 1,4-Dioxane	7.275	88	305893	10.636	ppbv	98
41) Tetrahydrofuran	5.542	42	762560	11.157	ppbv	97
42) Bromodichloromethane	7.240	83	1735303	10.792	ppbv	98
43) Methyl Methacrylate	7.465	69	799584	11.761	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	3235881	10.503	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	797947	13.162	ppbv	97

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ALS Vial : 1 Sample Multiplier: 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.134	75	1063037	12.832	ppbv		96
47)	1,1,2-Trichloroethane	8.889	97	830672	10.887	ppbv		100
48)	Dibromochloromethane	9.703	129	1470113	11.989	ppbv		99
49)	Bromoform	12.400	173	1183138	12.525	ppbv		99
50)	4-Methyl-2-Pentanone	8.172	43	1998945	10.732	ppbv		98
51)	2-Hexanone	9.542	43	1594156	11.297	ppbv	#	96
52)	Tetrachloroethene	10.610	164	689409	11.375	ppbv		99
53)	Toluene	9.211	91	2295779	11.618	ppbv		99
54)	1,2-Dibromoethane	10.005	107	946837	11.854	ppbv		100
56)	1,1,1,2-Tetrachloroethane	11.503	131	1020571	10.726	ppbv		98
57)	Chlorobenzene	11.520	112	1783785	10.705	ppbv		94
58)	Ethyl Benzene	12.082	91	3109801	11.399	ppbv		96
59)	m/p-Xylene	12.365	91	5251772m	21.410	ppbv		
60)	o-Xylene	13.056	91	2498769	10.732	ppbv		98
61)	Styrene	12.892	104	1499825	12.362	ppbv		98
62)	Isopropylbenzene	14.024	105	3509841	10.481	ppbv		98
63)	1,1,2,2-Tetrachloroethane	13.044	83	832268	9.845	ppbv		99
64)	n-propylbenzene	14.912	120	914595	10.986	ppbv		94
65)	tert-Butylbenzene	16.085	119	3065352	10.691	ppbv		97
66)	Benzyl Chloride	16.320	91	248506	12.682	ppbv	#	92
67)	sec-Butylbenzene	16.632	105	4277990	10.525	ppbv		99
69)	p-Isopropyltoluene	16.992	119	3518187	11.014	ppbv		99
70)	n-Butylbenzene	17.883	91	3693410	10.722	ppbv		99
71)	2-Chlorotoluene	14.799	91	2731588	10.606	ppbv		98
72)	4-Ethyltoluene	15.188	105	2890605	11.188	ppbv		99
73)	1,3,5-Trimethylbenzene	15.346	105	2521926	10.841	ppbv		99
74)	1,2,4-Trimethylbenzene	16.105	105	2721876	10.563	ppbv		99
75)	1,3-Dichlorobenzene	16.326	146	1549624	10.828	ppbv		99
76)	1,4-Dichlorobenzene	16.468	146	1499250	10.654	ppbv		100
77)	1,2-Dichlorobenzene	17.140	146	1443936	10.550	ppbv		100
78)	Hexachloro-1,3-Butadiene	22.632	225	976296	9.739	ppbv		99
79)	Naphthalene	21.378	128	2038146	13.807	ppbv		99
80)	Naphthalene,2-methyl-	24.371	142	698200	14.037	ppbv		95
81)	1,2,4-Trichlorobenzene	21.140	180	1042664	11.460	ppbv		100

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

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