

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039040.D
 Acq On : 13 May 2022 16:57
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Quant Time: May 14 00:54:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 00:00:00 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.648	49	924864	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2248908	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	1914792	10.000	ppbv	-0.02

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.384 95 1547791 10.207 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	3.041	85	82924	0.572	ppbv	97
3) Chlorodifluoromethane	2.980	51	52504	0.457	ppbv	99
4) Chloromethane	3.137	50	26179	0.456	ppbv #	88
5) Vinyl Chloride	3.250	62	22579	0.430	ppbv	90
6) Bromomethane	3.465	94	13702m	0.553	ppbv	
7) Chloroethane	3.552	64	9163m	0.522	ppbv	
8) Dichlorotetrafluoroethane	3.182	85	61066	0.465	ppbv	94
9) Propene	2.999	41	27820m	0.555	ppbv	
10) Heptane	8.105	43	49034m	0.399	ppbv	
11) Trichlorofluoromethane	3.941	101	53919	0.434	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.478	101	40192	0.469	ppbv	95
13) Ethanol	3.600	45	3322m	0.937	ppbv	
14) Bromoethene	3.732	108	14040	0.398	ppbv #	82
15) Acetone	3.851	43	50781m	0.582	ppbv	
16) 1,3-Butadiene	3.317	39	23254m	0.464	ppbv	
17) tert-Butyl alcohol	4.291	59	32699m	0.488	ppbv	
18) 1,1-Dichloroethene	4.272	96	17662	0.479	ppbv #	75
19) Isopropyl Alcohol	3.980	45	23796m	0.574	ppbv	
20) Methylene Chloride	4.327	84	20055m	0.610	ppbv	
21) Allyl Chloride	4.401	41	24689m	0.415	ppbv	
22) trans-1,2-Dichloroethene	4.870	96	17759	0.446	ppbv #	71
23) Vinyl Acetate	5.063	43	25234	0.366	ppbv #	74
24) 1,1-Dichloroethane	4.989	63	35997m	0.453	ppbv	
25) Ethyl Acetate	5.664	43	83203	0.398	ppbv	98
26) Hexane	5.668	57	38789m	0.418	ppbv	
27) Carbon Disulfide	4.539	76	28150	0.319	ppbv	98
28) Methyl tert-Butyl Ether	5.034	73	32009	0.453	ppbv	94
29) Chloroform	5.735	83	67165	0.447	ppbv	94
30) Cyclohexane	7.115	84	36123m	0.465	ppbv	
31) cis-1,2-Dichloroethene	5.536	61	39766m	0.421	ppbv	
32) 1,1,1-Trichloroethane	6.491	97	60845m	0.405	ppbv	
34) 2-Butanone	5.237	43	53863m	0.469	ppbv	
35) Carbon Tetrachloride	6.999	117	57063m	0.385	ppbv	
36) Benzene	6.867	78	76180	0.396	ppbv	97
37) 1,2-Dichloroethane	6.291	62	50995m	0.428	ppbv	
38) Trichloroethene	7.809	130	35793m	0.418	ppbv	
39) 1,2-Dichloropropane	7.594	63	27787	0.371	ppbv	95
40) 1,4-Dioxane	7.844	88	12760m	0.474	ppbv	
41) Tetrahydrofuran	6.057	42	27483m	0.356	ppbv	
42) Bromodichloromethane	7.764	83	58344m	0.358	ppbv	
43) Methyl Methacrylate	8.002	69	29057m	0.372	ppbv	
44) 2,2,4-Trimethylpentane	7.844	57	140048	0.415	ppbv	96
45) t-1,3-Dichloropropene	9.259	75	16513	0.218	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039040.D
 Acq On : 13 May 2022 16:57
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Quant Time: May 14 00:54:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 11:22:49 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.680	75	30968m	0.309	ppbv	
47) 1,1,2-Trichloroethane	9.449	97	30509	0.392	ppbv	96
48) Dibromochloromethane	10.275	129	41809m	0.330	ppbv	
49) Bromoform	13.008	173	28326m	0.293	ppbv	
50) 4-Methyl-2-Pentanone	8.738	43	71977m	0.358	ppbv	
51) 2-Hexanone	10.127	43	50705m	0.345	ppbv	
52) Tetrachloroethene	11.198	164	28818m	0.419	ppbv	
53) Toluene	9.780	91	84695m	0.393	ppbv	
54) 1,2-Dibromoethane	10.590	107	38601m	0.364	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.098	131	34812m	0.414	ppbv	
57) Chlorobenzene	12.124	112	64378m	0.449	ppbv	
58) Ethyl Benzene	12.683	91	112747	0.409	ppbv	97
59) m/p-Xylene	12.970	91	196380m	0.835	ppbv	
60) o-Xylene	13.664	91	87072	0.393	ppbv	93
61) Styrene	13.500	104	37573	0.318	ppbv #	80
62) Isopropylbenzene	14.638	105	133104	0.411	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.651	83	54859m	0.421	ppbv	
64) n-propylbenzene	15.532	120	32988m	0.421	ppbv	
65) tert-Butylbenzene	16.719	119	123720m	0.436	ppbv	
66) Benzyl Chloride	16.953	91	10342m	0.279	ppbv	
67) sec-Butylbenzene	17.262	105	164773	0.407	ppbv	98
69) p-Isopropyltoluene	17.625	119	132951m	0.406	ppbv	
70) n-Butylbenzene	18.519	91	126651	0.364	ppbv	97
71) 2-Chlorotoluene	15.426	91	106531m	0.427	ppbv	
72) 4-Ethyltoluene	15.812	105	98267	0.389	ppbv	97
73) 1,3,5-Trimethylbenzene	15.963	105	83217	0.366	ppbv	95
74) 1,2,4-Trimethylbenzene	16.732	105	101749m	0.409	ppbv	
75) 1,3-Dichlorobenzene	16.973	146	56746m	0.416	ppbv	
76) 1,4-Dichlorobenzene	17.111	146	56758m	0.423	ppbv	
77) 1,2-Dichlorobenzene	17.789	146	54717m	0.406	ppbv	
78) Hexachloro-1,3-Butadiene	23.345	225	56242	0.454	ppbv	97
79) Naphthalene	22.175	128	71308m	0.353	ppbv	
80) Naphthalene,2-methyl-	24.947	142	15537m	0.254	ppbv	
81) 1,2,4-Trichlorobenzene	21.902	180	43926m	0.371	ppbv	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039040.D
 Acq On : 13 May 2022 16:57
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 14 00:54:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

