

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041459.D
 Acq On : 31 Jul 2024 12:14
 Operator : SY/MD
 Sample : P3390-13 0.40 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Quant Time: Aug 01 03:54:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 03:54:22 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	977309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2715595	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2521211	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1956162 10.082 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	86423	0.514	ppbv	92
3) Chlorodifluoromethane	2.677	51	52077	0.448	ppbv	99
4) Chloromethane	2.819	50	28646	0.463	ppbv	97
5) Vinyl Chloride	2.928	62	25801	0.423	ppbv #	86
6) Bromomethane	3.124	94	13815m	0.441	ppbv	
7) Chloroethane	3.202	64	10137	0.482	ppbv #	81
8) Dichlorotetrafluoroethane	2.861	85	67883	0.456	ppbv	100
9) Propene	2.700	41	21108	0.395	ppbv	87
10) Heptane	7.578	43	40584m	0.338	ppbv	
11) Trichlorofluoromethane	3.568	101	64250	0.430	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	46801	0.435	ppbv	96
13) Ethanol	3.256	45	1847m	0.387	ppbv	
14) Bromoethene	3.372	108	15678	0.374	ppbv #	90
15) Acetone	3.488	43	54386	0.490	ppbv	98
16) 1,3-Butadiene	2.989	39	19947	0.336	ppbv #	79
17) tert-Butyl alcohol	3.896	59	39520	0.390	ppbv #	91
18) 1,1-Dichloroethene	3.890	96	18611m	0.405	ppbv	
19) Isopropyl Alcohol	3.597	45	21645	0.333	ppbv #	83
20) Methylene Chloride	3.935	84	21661	0.523	ppbv #	90
21) Allyl Chloride	4.002	41	27116	0.372	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	17491	0.380	ppbv	99
23) Vinyl Acetate	4.639	43	31825m	0.375	ppbv	
24) 1,1-Dichloroethane	4.565	63	42270	0.423	ppbv	96
25) Ethyl Acetate	5.214	43	82786	0.375	ppbv	98
26) Hexane	5.214	57	32642m	0.357	ppbv	
27) Carbon Disulfide	4.131	76	29307	0.274	ppbv #	62
28) Methyl tert-Butyl Ether	4.600	73	20509	0.355	ppbv #	85
29) Chloroform	5.275	83	65829	0.441	ppbv	97
30) Cyclohexane	6.600	84	23958m	0.321	ppbv	
31) cis-1,2-Dichloroethene	5.083	61	33592	0.372	ppbv	97
32) 1,1,1-Trichloroethane	6.002	97	56280	0.387	ppbv	97
34) 2-Butanone	4.806	43	47319	0.360	ppbv	95
35) Carbon Tetrachloride	6.500	117	55493	0.370	ppbv	88
36) Benzene	6.375	78	72002	0.363	ppbv	98
37) 1,2-Dichloroethane	5.809	62	45935	0.414	ppbv #	96
38) Trichloroethene	7.291	130	32185	0.354	ppbv	90
39) 1,2-Dichloropropane	7.073	63	31473	0.414	ppbv	90
40) 1,4-Dioxane	7.330	88	8751m	0.287	ppbv	
41) Tetrahydrofuran	5.587	42	22694m	0.302	ppbv	
42) Bromodichloromethane	7.253	83	57456	0.358	ppbv	92
43) Methyl Methacrylate	7.484	69	22395m	0.315	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	116805	0.352	ppbv #	87
45) t-1,3-Dichloropropene	8.716	75	14653m	0.224	ppbv	

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	26451m	0.280	ppbv	
47) 1,1,2-Trichloroethane	8.902	97	33433	0.399	ppbv	90
48) Dibromochloromethane	9.713	129	41803m	0.310	ppbv	
49) Bromoform	12.410	173	32973m	0.289	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	60714m	0.293	ppbv	
51) 2-Hexanone	9.574	43	39030m	0.249	ppbv	
52) Tetrachloroethene	10.619	164	29313m	0.382	ppbv	
53) Toluene	9.224	91	67742	0.306	ppbv	99
54) 1,2-Dibromoethane	10.008	107	40256m	0.361	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	37108m	0.380	ppbv	
57) Chlorobenzene	11.532	112	76807m	0.428	ppbv	
58) Ethyl Benzene	12.092	91	97399	0.335	ppbv	94
59) m/p-Xylene	12.375	91	169923m	0.677	ppbv	
60) o-Xylene	13.063	91	75966	0.320	ppbv	97
61) Styrene	12.896	104	26918m	0.251	ppbv	
62) Isopropylbenzene	14.034	105	131414	0.364	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	62319	0.416	ppbv	93
64) n-propylbenzene	14.921	120	30254m	0.321	ppbv	
65) tert-Butylbenzene	16.101	119	106094	0.326	ppbv	91
66) Benzyl Chloride	16.336	91	5719m	0.274	ppbv	
67) sec-Butylbenzene	16.642	105	160943m	0.358	ppbv	
69) p-Isopropyltoluene	17.005	119	114318	0.307	ppbv	95
70) n-Butylbenzene	17.902	91	126045m	0.330	ppbv	
71) 2-Chlorotoluene	14.806	91	92272	0.347	ppbv	100
72) 4-Ethyltoluene	15.195	105	85510	0.306	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.362	105	74423	0.309	ppbv	90
74) 1,2,4-Trimethylbenzene	16.117	105	98594m	0.352	ppbv	
75) 1,3-Dichlorobenzene	16.339	146	62702m	0.356	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	56542	0.332	ppbv	87
77) 1,2-Dichlorobenzene	17.146	146	65806m	0.377	ppbv	
78) Hexachloro-1,3-Butadiene	22.651	225	64298m	0.432	ppbv	
79) Naphthalene	21.400	128	62627m	0.254	ppbv	
80) Naphthalene,2-methyl-	24.384	142	26903m	0.130	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	45964m	0.313	ppbv	

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

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Manual Integrations

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Qlast Update : Thu Aug 01 02:36:30 2024
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