

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041731.D
 Acq On : 11 Dec 2024 21:02
 Operator : SY/MD
 Sample : P4368-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Dec 12 06:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 05:50:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

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

Internal Standards						
1) Bromochloromethane	2.790	49	266767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	1327744	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	1181475	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	772319	9.944	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	30857	0.659	ppbv	98
3) Chlorodifluoromethane	1.476	51	17750	0.489	ppbv #	92
4) Chloromethane	1.534	50	8766	0.705	ppbv	95
5) Vinyl Chloride	1.580	62	10140	0.666	ppbv	96
6) Bromomethane	1.670	94	6686	0.670	ppbv	85
7) Chloroethane	1.706	64	4475	0.676	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	28877	0.756	ppbv	94
9) Propene	1.483	41	8790	0.568	ppbv	98
10) Heptane	4.991	43	20808m	0.486	ppbv	
11) Trichlorofluoromethane	1.881	101	32941	0.611	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	28309	0.583	ppbv	95
13) Ethanol	1.722	45	1121	0.875	ppbv	69
14) Bromoethene	1.784	108	11383	0.640	ppbv #	97
15) Acetone	1.835	43	22404	0.727	ppbv	88
16) 1,3-Butadiene	1.609	39	7199	0.697	ppbv	97
17) tert-Butyl alcohol	2.039	59	25373	0.568	ppbv	97
18) 1,1-Dichloroethene	2.722	96	17943	0.496	ppbv	99
19) Isopropyl Alcohol	1.887	45	26056	0.891	ppbv #	31
20) Methylene Chloride	2.062	84	13787	0.739	ppbv	95
21) Allyl Chloride	2.097	41	10041	0.579	ppbv	97
22) trans-1,2-Dichloroethene	2.036	96	13193	0.598	ppbv	96
23) Vinyl Acetate	2.460	43	7463m	0.400	ppbv	
24) 1,1-Dichloroethane	2.411	63	20772	0.599	ppbv	99
25) Ethyl Acetate	4.991	43	20729m	0.484	ppbv	
26) Hexane	2.829	57	20180	0.486	ppbv	99
27) Carbon Disulfide	2.152	76	21099	0.494	ppbv #	60
28) Methyl tert-Butyl Ether	2.441	73	17568	0.564	ppbv	98
29) Chloroform	2.852	83	30306	0.477	ppbv	98
30) Cyclohexane	3.861	84	22176	0.475	ppbv	96
31) cis-1,2-Dichloroethene	2.036	61	17288	0.573	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	28389	0.454	ppbv	100
34) 2-Butanone	2.560	43	22665	0.488	ppbv	99
35) Carbon Tetrachloride	3.768	117	26803	0.433	ppbv	99
36) Benzene	3.664	78	50038	0.479	ppbv	97
37) 1,2-Dichloroethane	3.224	62	18300	0.485	ppbv	97
38) Trichloroethene	4.554	130	26641	0.492	ppbv	98
39) 1,2-Dichloropropane	4.318	63	16325	0.491	ppbv	97
40) 1,4-Dioxane	4.606	88	9748m	0.486	ppbv	
41) Tetrahydrofuran	3.068	42	14187	0.506	ppbv	98
42) Bromodichloromethane	4.496	83	25029	0.411	ppbv	97
43) Methyl Methacrylate	4.884	69	17070	0.454	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	70898	0.488	ppbv	98
45) t-1,3-Dichloropropene	5.606	75	19864	0.408	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041731.D
 Acq On : 11 Dec 2024 21:02
 Operator : SY/MD
 Sample : P4368-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Dec 12 06:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 05:50:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.425	75	14543	0.396	ppbv	93
47) 1,1,2-Trichloroethane	6.590	97	20187	0.456	ppbv	93
48) Dibromochloromethane	7.393	129	22470	0.352	ppbv	99
49) Bromoform	9.493	173	19898	0.326	ppbv	98
50) 4-Methyl-2-Pentanone	5.774	43	31305	0.469	ppbv	98
51) 2-Hexanone	7.451	43	25074	0.457	ppbv #	98
52) Tetrachloroethene	8.234	164	24611	0.445	ppbv	92
53) Toluene	6.939	91	60763	0.474	ppbv	100
54) 1,2-Dibromoethane	7.661	107	27292	0.451	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.936	131	23039	0.419	ppbv #	1
57) Chlorobenzene	8.930	112	52127	0.485	ppbv	99
58) Ethyl Benzene	9.360	91	74524	0.471	ppbv	96
59) m/p-Xylene	9.539	91	113483m	0.937	ppbv	
60) o-Xylene	9.969	91	56136	0.467	ppbv	99
61) Styrene	9.878	104	28073	0.423	ppbv	99
62) Isopropylbenzene	10.548	105	95738	0.483	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.972	83	34682	0.446	ppbv	99
64) n-propylbenzene	10.995	120	26832	0.460	ppbv	87
65) tert-Butylbenzene	11.539	119	89816	0.478	ppbv	97
66) Benzyl Chloride	10.908	91	63316	0.470	ppbv	99
67) sec-Butylbenzene	11.775	105	116471	0.479	ppbv	97
69) p-Isopropyltoluene	11.934	119	95359	0.455	ppbv	97
70) n-Butylbenzene	12.290	91	79323	0.456	ppbv	97
71) 2-Chlorotoluene	10.908	91	63316	0.470	ppbv	98
72) 4-Ethyltoluene	11.134	105	71944	0.464	ppbv	98
73) 1,3,5-Trimethylbenzene	11.212	105	55473	0.442	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	60893	0.446	ppbv #	85
75) 1,3-Dichlorobenzene	11.613	146	52357	0.480	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	52323	0.486	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	49512	0.480	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	40432	0.477	ppbv	98
79) Naphthalene	13.523	128	49435	0.423	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	8446	0.200	ppbv	96
81) 1,2,4-Trichlorobenzene	13.448	180	31539	0.429	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041731.D
Acq On : 11 Dec 2024 21:02
Operator : SY/MD
Sample : P4368-13 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Quant Time: Dec 12 06:00:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 12 05:50:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

