Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
Data File : VL041013.D
Acq On : 24 Jan 2024 12:50
Operator : SY/MD
Sample : VL0124ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0124ABS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:17:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Jan 25 03:13:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.160	49	1118129	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	2788215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.429	117	2810162	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2042378	9.622	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.703	85	2220809	8.993	ppbv	100
3) Chlorodifluoromethane	2.648	51	1673692	8.900	ppbv	100
4) Chloromethane	2.784	50	647900	9.191	ppbv	96
5) Vinyl Chloride	2.893	62	665318	9.627	ppbv	99
6) Bromomethane	3.089	94	266906	8.870	ppbv	97
7) Chloroethane	3.169	64	230484	9.262	ppbv	98
8) Dichlorotetrafluoroethane	2.829	85	1628399	8.827	ppbv	99
9) Propene	2.665	41	568261	9.212	ppbv	97
10) Heptane	7.545	43	1443492	9.508	ppbv	100
11) Trichlorofluoromethane	3.533	101	1755729	8.823	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.034	101	1253529	8.692	ppbv	97
13) Ethanol	3.211	45	123640	8.410	ppbv	99
14) Bromoethene	3.337	108	532553	9.618	ppbv	98
15) Acetone	3.436	43	1222432	8.549	ppbv	98
16) 1,3-Butadiene	2.957	39	606559	8.868	ppbv	95
17) tert-Butyl alcohol	3.848	59	1122758	9.573	ppbv	99
18) 1,1-Dichloroethene	3.851	96	571757	9.260	ppbv	95
19) Isopropyl Alcohol	3.546	45	785725	9.493	ppbv	100
20) Methylene Chloride	3.902	84	466158	8.472	ppbv	94
21) Allyl Chloride	3.967	41	821819	9.460	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	586937	9.232	ppbv	97
23) Vinyl Acetate	4.597	43	1440806	9.775	ppbv	98
24) 1,1-Dichloroethane	4.533	63	1197900	9.162	ppbv	99
25) Ethyl Acetate	5.173	43	2406868	9.283	ppbv	100
26) Hexane	5.179	57	1034137	9.358	ppbv	99
27) Carbon Disulfide	4.092	76	1449958	10.082	ppbv	99
28) Methyl tert-Butyl Ether	4.555	73	843584	9.197	ppbv	98
29) Chloroform	5.243	83	1781603	9.089	ppbv	96
30) Cyclohexane	6.565	84	895795	9.675	ppbv	99
31) cis-1,2-Dichloroethene	5.047	61	1040092	10.028	ppbv	96
32) 1,1,1-Trichloroethane	5.973	97	1799617	9.606	ppbv	99
34) 2-Butanone	4.751	43	1321282	9.947	ppbv	100
35) Carbon Tetrachloride	6.462	117	1907469	10.259	ppbv	99
36) Benzene	6.340	78	2267223	9.846	ppbv	98
37) 1,2-Dichloroethane	5.774	62	1363220	9.701	ppbv	100
38) Trichloroethene	7.259	130	894334	9.688	ppbv	97
39) 1,2-Dichloropropane	7.041	63	892609	9.840	ppbv	97
40) 1,4-Dioxane	7.250	88	363983	9.660	ppbv #	1
41) Tetrahydrofuran	5.523	42	918961	10.189	ppbv	99
42) Bromodichloromethane	7.214	83	2030867	10.101	ppbv	98
43) Methyl Methacrylate	7.439	69	934705	10.519	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3748173	9.673	ppbv	100
45) t-1,3-Dichloropropene	8.677	75	690280	11.369	ppbv	99

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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 25 03:17:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Jan 25 03:13:06 2024
Response via : Initial Calibration

Instrument :
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	8.108	75	832456	10.994	ppbv	98
47)	1,1,2-Trichloroethane	8.864	97	954999	9.767	ppbv	96
48)	Dibromochloromethane	9.677	129	1714891	10.374	ppbv	100
49)	Bromoform	12.368	173	1398141	10.782	ppbv	99
50)	4-Methyl-2-Pentanone	8.147	43	2420385	10.347	ppbv	100
51)	2-Hexanone	9.516	43	1748043	10.367	ppbv	99
52)	Tetrachloroethene	10.577	164	783108	10.240	ppbv	97
53)	Toluene	9.185	91	2573887	10.203	ppbv	99
54)	1,2-Dibromoethane	9.973	107	1388723	10.487	ppbv	100
56)	1,1,1,2-Tetrachloroethane	11.475	131	1246318	9.244	ppbv	98
57)	Chlorobenzene	11.487	112	2019256	8.933	ppbv	99
58)	Ethyl Benzene	12.053	91	3557446	9.427	ppbv	99
59)	m/p-Xylene	12.339	91	6101249m	18.544	ppbv	
60)	o-Xylene	13.024	91	2915687	9.236	ppbv	99
61)	Styrene	12.860	104	1495209	10.315	ppbv	100
62)	Isopropylbenzene	13.992	105	4228673	9.058	ppbv	99
63)	1,1,2,2-Tetrachloroethane	13.011	83	2166759	8.832	ppbv	100
64)	n-propylbenzene	14.880	120	1081962	9.174	ppbv	99
65)	tert-Butylbenzene	16.056	119	3753158	9.202	ppbv	99
66)	Benzyl Chloride	16.291	91	261257	9.774	ppbv	99
67)	sec-Butylbenzene	16.600	105	5269204	8.872	ppbv	99
69)	p-Isopropyltoluene	16.960	119	4256322	9.252	ppbv	99
70)	n-Butylbenzene	17.850	91	4591210	9.236	ppbv	99
71)	2-Chlorotoluene	14.767	91	3339425	9.271	ppbv	100
72)	4-Ethyltoluene	15.156	105	3371940	9.564	ppbv	99
73)	1,3,5-Trimethylbenzene	15.317	105	2884985	9.220	ppbv	99
74)	1,2,4-Trimethylbenzene	16.072	105	3193624	9.004	ppbv	96
75)	1,3-Dichlorobenzene	16.294	146	1853295	9.181	ppbv	99
76)	1,4-Dichlorobenzene	16.436	146	1775076	8.911	ppbv	99
77)	1,2-Dichlorobenzene	17.105	146	1774013	8.842	ppbv	98
78)	Hexachloro-1,3-Butadiene	22.596	225	1016555m	7.857	ppbv	
79)	Naphthalene	21.342	128	2397257	11.848	ppbv	97
80)	Naphthalene,2-methyl-	24.339	142	515513	14.506	ppbv	99
81)	1,2,4-Trichlorobenzene	21.101	180	1151881	9.757	ppbv	99

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

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