Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
Data File : VL041166.D
Acq On : 25 Apr 2024 12:00
Operator : SY/MD
Sample : VL0425ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 03:11:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 26 03:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.169	49	1224400	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3113045	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	3033340	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2484342	10.185	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1838637	8.779	ppbv	99
3) Chlorodifluoromethane	2.661	51	1922956	10.197	ppbv	100
4) Chloromethane	2.800	50	748371	10.486	ppbv	96
5) Vinyl Chloride	2.906	62	774026	11.228	ppbv	100
6) Bromomethane	3.105	94	281420	10.845	ppbv	97
7) Chloroethane	3.182	64	255821	10.111	ppbv	97
8) Dichlorotetrafluoroethane	2.841	85	1899133	10.630	ppbv	99
9) Propene	2.681	41	654604	10.912	ppbv	94
10) Heptane	7.552	43	1616546	11.350	ppbv	99
11) Trichlorofluoromethane	3.546	101	1972627	10.386	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.047	101	1441988	10.490	ppbv	100
13) Ethanol	3.221	45	144714	10.142	ppbv	97
14) Bromoethene	3.349	108	605533	11.184	ppbv	99
15) Acetone	3.449	43	1398891	10.552	ppbv	99
16) 1,3-Butadiene	2.970	39	721964	11.093	ppbv	100
17) tert-Butyl alcohol	3.857	59	1250916	10.418	ppbv	100
18) 1,1-Dichloroethene	3.861	96	615863	10.494	ppbv	97
19) Isopropyl Alcohol	3.555	45	867569	10.772	ppbv #	97
20) Methylene Chloride	3.912	84	534711	9.779	ppbv	98
21) Allyl Chloride	3.976	41	896662	11.100	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	644137	10.469	ppbv	98
23) Vinyl Acetate	4.603	43	1575013	11.630	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1351951	10.971	ppbv	99
25) Ethyl Acetate	5.182	43	2710461	10.886	ppbv	100
26) Hexane	5.189	57	1160531	10.388	ppbv	99
27) Carbon Disulfide	4.102	76	1617239	11.814	ppbv	98
28) Methyl tert-Butyl Ether	4.562	73	879679	10.434	ppbv	99
29) Chloroform	5.253	83	1999880	10.619	ppbv	97
30) Cyclohexane	6.574	84	980871	10.779	ppbv	99
31) cis-1,2-Dichloroethene	5.057	61	1178344	11.143	ppbv	98
32) 1,1,1-Trichloroethane	5.980	97	1974703	11.343	ppbv	100
34) 2-Butanone	4.761	43	1462181	11.100	ppbv	99
35) Carbon Tetrachloride	6.465	117	2104440	11.874	ppbv	97
36) Benzene	6.346	78	2514195	10.998	ppbv	100
37) 1,2-Dichloroethane	5.780	62	1518977	11.066	ppbv	100
38) Trichloroethene	7.266	130	1008300	12.208	ppbv	96
39) 1,2-Dichloropropane	7.044	63	993413	11.021	ppbv	99
40) 1,4-Dioxane	7.256	88	379567	12.083	ppbv #	1
41) Tetrahydrofuran	5.533	42	1006891	11.480	ppbv	99
42) Bromodichloromethane	7.224	83	2234637	11.395	ppbv	96
43) Methyl Methacrylate	7.446	69	1045523	12.007	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	4217958	11.145	ppbv	99
45) t-1,3-Dichloropropene	8.680	75	724329	14.115	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
Data File : VL041166.D
Acq On : 25 Apr 2024 12:00
Operator : SY/MD
Sample : VL0425ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 03:11:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 26 03:09:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.115	75	891712	13.431	ppbv		98
47) 1,1,2-Trichloroethane	8.870	97	1082178	11.108	ppbv		98
48) Dibromochloromethane	9.684	129	1870497	12.095	ppbv		99
49) Bromoform	12.375	173	1537239	12.547	ppbv		99
50) 4-Methyl-2-Pentanone	8.153	43	2721213	11.739	ppbv		100
51) 2-Hexanone	9.520	43	1978320	12.308	ppbv	#	100
52) Tetrachloroethene	10.587	164	855502	11.729	ppbv		94
53) Toluene	9.192	91	2896971	12.035	ppbv		100
54) 1,2-Dibromoethane	9.983	107	1504242	12.381	ppbv		98
56) 1,1,1,2-Tetrachloroethane	11.481	131	1375183	11.031	ppbv		99
57) Chlorobenzene	11.500	112	2279115	10.976	ppbv		99
58) Ethyl Benzene	12.060	91	3955948	11.912	ppbv		98
59) m/p-Xylene	12.343	91	6831217m	22.777	ppbv		
60) o-Xylene	13.031	91	3270188	11.507	ppbv		100
61) Styrene	12.867	104	1661419	13.194	ppbv		98
62) Isopropylbenzene	14.002	105	4734622	11.191	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.018	83	2514213	11.260	ppbv		100
64) n-propylbenzene	14.886	120	1251676	11.789	ppbv		97
65) tert-Butylbenzene	16.060	119	4240466	11.481	ppbv		100
66) Benzyl Chloride	16.294	91	306447	12.611	ppbv		99
67) sec-Butylbenzene	16.606	105	6045772	11.330	ppbv		100
69) p-Isopropyltoluene	16.966	119	4886904	11.744	ppbv		100
70) n-Butylbenzene	17.857	91	5335825	11.803	ppbv		100
71) 2-Chlorotoluene	14.767	91	3718406	11.459	ppbv		99
72) 4-Ethyltoluene	15.163	105	3773053	11.887	ppbv		99
73) 1,3,5-Trimethylbenzene	15.320	105	3275647	11.701	ppbv		100
74) 1,2,4-Trimethylbenzene	16.079	105	3663832	11.436	ppbv		98
75) 1,3-Dichlorobenzene	16.304	146	2140878	11.446	ppbv		100
76) 1,4-Dichlorobenzene	16.442	146	2144997	11.789	ppbv		98
77) 1,2-Dichlorobenzene	17.114	146	2084526	11.477	ppbv		100
78) Hexachloro-1,3-Butadiene	22.599	225	1271207	10.527	ppbv		98
79) Naphthalene	21.349	128	3103747	15.101	ppbv		99
80) Naphthalene,2-methyl-	24.352	142	621109	15.513	ppbv		98
81) 1,2,4-Trichlorobenzene	21.108	180	1491024	12.941	ppbv		100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
Data File : VL041166.D
Acq On : 25 Apr 2024 12:00
Operator : SY/MD
Sample : VL0425ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 03:11:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Apr 26 03:09:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024