Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
Data File : VL039522.D
Acq On : 25 Jul 2022 18:42
Operator : SY/AP
Sample : VL0725ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 26 08:06:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS02

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.677	49	1031242	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2853957	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2801524m	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2085789	10.036	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	1061482	7.136	ppbv	99
3) Chlorodifluoromethane	2.996	51	1288132	9.846	ppbv	99
4) Chloromethane	3.150	50	712843	9.962	ppbv	99
5) Vinyl Chloride	3.266	62	686994	9.737	ppbv	96
6) Bromomethane	3.481	94	306821	10.332	ppbv	95
7) Chloroethane	3.565	64	255333	10.174	ppbv	94
8) Dichlorotetrafluoroethane	3.195	85	1539826	9.477	ppbv	97
9) Propene	3.018	41	564968	9.562	ppbv	97
10) Heptane	8.131	43	1453427	10.503	ppbv	99
11) Trichlorofluoromethane	3.957	101	1705897	10.292	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.494	101	1232476	9.974	ppbv	100
13) Ethanol	3.610	45	38210m	11.147	ppbv	
14) Bromoethene	3.748	108	513535	9.886	ppbv	96
15) Acetone	3.854	43	1261629	10.341	ppbv	98
16) 1,3-Butadiene	3.333	39	657565	10.388	ppbv	99
17) tert-Butyl alcohol	4.288	59	1174706	11.344	ppbv	99
18) 1,1-Dichloroethene	4.295	96	547587	9.782	ppbv	97
19) Isopropyl Alcohol	3.967	45	687937	10.571	ppbv	98
20) Methylene Chloride	4.353	84	515893	10.609	ppbv	96
21) Allyl Chloride	4.420	41	844213	9.991	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	565949	10.444	ppbv	98
23) Vinyl Acetate	5.082	43	936042	11.480	ppbv	98
24) 1,1-Dichloroethane	5.018	63	1250428	10.859	ppbv	98
25) Ethyl Acetate	5.684	43	2701846	10.800	ppbv	99
26) Hexane	5.693	57	1170030	11.603	ppbv	98
27) Carbon Disulfide	4.558	76	1344092	11.043	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1195826	11.091	ppbv	97
29) Chloroform	5.761	83	1833218	10.455	ppbv	98
30) Cyclohexane	7.140	84	969090	10.556	ppbv	98
31) cis-1,2-Dichloroethene	5.558	61	1122658	10.493	ppbv	97
32) 1,1,1-Trichloroethane	6.520	97	1852007	10.701	ppbv	99
34) 2-Butanone	5.250	43	1576555	10.974	ppbv	100
35) Carbon Tetrachloride	7.028	117	2001149	11.348	ppbv	99
36) Benzene	6.899	78	2333411	10.564	ppbv	97
37) 1,2-Dichloroethane	6.317	62	1415057	10.854	ppbv	99
38) Trichloroethene	7.844	130	1292987	10.823	ppbv	98
39) 1,2-Dichloropropane	7.622	63	872140	10.569	ppbv	94
40) 1,4-Dioxane	7.838	88	361970	11.008	ppbv	97
41) Tetrahydrofuran	6.057	42	912407	10.960	ppbv	99
42) Bromodichloromethane	7.803	83	1983179	11.282	ppbv	99
43) Methyl Methacrylate	8.024	69	935374	11.137	ppbv	98
44) 2,2,4-Trimethylpentane	7.880	57	3922345	10.479	ppbv	99
45) t-1,3-Dichloropropene	9.285	75	999481	13.366	ppbv	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	8.709	75	1276623	12.403	ppbv	99
47)	1,1,2-Trichloroethane	9.487	97	988502	10.676	ppbv	98
48)	Dibromochloromethane	10.317	129	1766307	12.003	ppbv	99
49)	Bromoform	13.050	173	1462595	12.320	ppbv	99
50)	4-Methyl-2-Pentanone	8.748	43	2475683	11.397	ppbv	98
51)	2-Hexanone	10.140	43	1958373	11.919	ppbv	97
52)	Tetrachloroethene	11.233	164	932024	10.482	ppbv	98
53)	Toluene	9.815	91	2841964	11.154	ppbv	100
54)	1,2-Dibromoethane	10.619	107	1307077	11.345	ppbv	96
56)	1,1,1,2-Tetrachloroethane	12.137	131	1309101	10.578	ppbv	96
57)	Chlorobenzene	12.159	112	2225490	10.246	ppbv	97
58)	Ethyl Benzene	12.722	91	3848971	10.640	ppbv	97
59)	m/p-Xylene	13.002	91	6650762m	20.854	ppbv	
60)	o-Xylene	13.699	91	3189272	10.561	ppbv	99
61)	Styrene	13.535	104	1898299	11.604	ppbv	99
62)	Isopropylbenzene	14.677	105	4722582	10.269	ppbv	100
63)	1,1,2,2-Tetrachloroethane	13.687	83	1501662	9.487	ppbv	100
64)	n-propylbenzene	15.571	120	1244582	10.677	ppbv	99
65)	tert-Butylbenzene	16.754	119	4408191	10.373	ppbv	99
66)	Benzyl Chloride	16.998	91	569735	14.108	ppbv	99
67)	sec-Butylbenzene	17.301	105	5985254	10.456	ppbv	99
69)	p-Isopropyltoluene	17.661	119	5188707	10.683	ppbv	100
70)	n-Butylbenzene	18.555	91	5088286	10.794	ppbv	100
71)	2-Chlorotoluene	15.458	91	3483462	10.583	ppbv	100
72)	4-Ethyltoluene	15.847	105	3786143	10.663	ppbv	99
73)	1,3,5-Trimethylbenzene	16.005	105	3525105	10.810	ppbv	100
74)	1,2,4-Trimethylbenzene	16.770	105	3854248	10.684	ppbv	98
75)	1,3-Dichlorobenzene	17.002	146	2308594	10.728	ppbv	100
76)	1,4-Dichlorobenzene	17.146	146	2241612	10.510	ppbv	99
77)	1,2-Dichlorobenzene	17.821	146	2264452	10.616	ppbv	100
78)	Hexachloro-1,3-Butadiene	23.377	225	1613913	9.408	ppbv	99
79)	Naphthalene	22.201	128	3175548	12.791	ppbv	98
80)	Naphthalene,2-methyl-	24.969	142	1173129	13.883	ppbv	97
81)	1,2,4-Trichlorobenzene	21.934	180	1800641	11.135	ppbv	100

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

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