Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
Data File : VL037963.D
Acq On : 2 Nov 2021 9:34
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 03 03:49:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1465808	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4274492	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3927166m	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	2882163	10.096	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	1942361	9.405	ppbv	100
3) Chlorodifluoromethane	2.986	51	2507928	9.191	ppbv	100
4) Chloromethane	3.137	50	957903	9.237	ppbv	98
5) Vinyl Chloride	3.253	62	961758	9.623	ppbv	100
6) Bromomethane	3.472	94	529454	9.806	ppbv	99
7) Chloroethane	3.555	64	332218	9.208	ppbv	91
8) Dichlorotetrafluoroethane	3.185	85	2179512	9.162	ppbv	99
9) Propene	3.009	41	923025	9.434	ppbv	96
10) Heptane	8.108	43	2302395	10.115	ppbv	100
11) Trichlorofluoromethane	3.944	101	1939286	9.430	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.475	101	1544325	9.633	ppbv	99
13) Ethanol	3.603	45	85088	8.621	ppbv	96
14) Bromoethene	3.735	108	667627	9.520	ppbv	99
15) Acetone	3.841	43	1109970	9.164	ppbv	99
16) 1,3-Butadiene	3.324	39	913391	9.570	ppbv	98
17) tert-Butyl alcohol	4.275	59	1266593	10.057	ppbv	97
18) 1,1-Dichloroethene	4.282	96	693591	9.401	ppbv	99
19) Isopropyl Alcohol	3.954	45	716412	9.249	ppbv #	90
20) Methylene Chloride	4.336	84	571403	8.593	ppbv	93
21) Allyl Chloride	4.404	41	1122252	10.042	ppbv	99
22) trans-1,2-Dichloroethene	4.877	96	730846	9.969	ppbv	96
23) Vinyl Acetate	5.063	43	1767069	9.689	ppbv	99
24) 1,1-Dichloroethane	4.999	63	1443225	9.578	ppbv	99
25) Ethyl Acetate	5.664	43	3542378	9.847	ppbv	100
26) Hexane	5.674	57	1671739	9.808	ppbv	99
27) Carbon Disulfide	4.542	76	1784860	10.607	ppbv	97
28) Methyl tert-Butyl Ether	5.021	73	1425960	9.951	ppbv	100
29) Chloroform	5.738	83	2360109	9.285	ppbv	98
30) Cyclohexane	7.118	84	1398291	9.597	ppbv	99
31) cis-1,2-Dichloroethene	5.536	61	1572684	10.113	ppbv	100
32) 1,1,1-Trichloroethane	6.500	97	2243630	8.980	ppbv	100
34) 2-Butanone	5.234	43	1521603	9.607	ppbv	99
35) Carbon Tetrachloride	7.005	117	2354184	9.110	ppbv	98
36) Benzene	6.877	78	3473884	9.980	ppbv	98
37) 1,2-Dichloroethane	6.295	62	1658208	10.020	ppbv	99
38) Trichloroethene	7.819	130	1371258	9.491	ppbv	97
39) 1,2-Dichloropropane	7.600	63	1343529	10.258	ppbv	99
40) 1,4-Dioxane	7.822	88	294987	8.552	ppbv #	1
41) Tetrahydrofuran	6.037	42	829677	10.706	ppbv	98
42) Bromodichloromethane	7.774	83	2423399	9.685	ppbv	97
43) Methyl Methacrylate	7.995	69	1268025	11.098	ppbv	99
44) 2,2,4-Trimethylpentane	7.854	57	5855136	9.889	ppbv	100
45) t-1,3-Dichloropropene	9.256	75	1023733	12.194	ppbv	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.684	75	1366222	11.836	ppbv		97
47)	1,1,2-Trichloroethane	9.455	97	1412544	9.599	ppbv		95
48)	Dibromochloromethane	10.282	129	2185333	10.489	ppbv		99
49)	Bromoform	13.018	173	1782879	10.825	ppbv		99
50)	4-Methyl-2-Pentanone	8.725	43	2241349	10.770	ppbv		100
51)	2-Hexanone	10.114	43	997803	11.376	ppbv	#	99
52)	Tetrachloroethene	11.204	164	1258010	9.527	ppbv		96
53)	Toluene	9.786	91	4014218	10.757	ppbv		100
54)	1,2-Dibromoethane	10.593	107	1995107	10.512	ppbv		98
56)	1,1,1,2-Tetrachloroethane	12.101	131	1511486	9.533	ppbv		98
57)	Chlorobenzene	12.127	112	2927897	9.341	ppbv		97
58)	Ethyl Benzene	12.690	91	5057417	10.531	ppbv		99
59)	m/p-Xylene	12.976	91	8498148m	19.908	ppbv		
60)	o-Xylene	13.671	91	3948168	9.810	ppbv		99
61)	Styrene	13.507	104	2216394	11.991	ppbv		100
62)	Isopropylbenzene	14.648	105	5474386	9.606	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.658	83	2888531	8.339	ppbv		99
64)	n-propylbenzene	15.542	120	1468632	10.058	ppbv		97
65)	tert-Butylbenzene	16.722	119	4769738	9.471	ppbv		100
66)	Benzyl Chloride	16.963	91	306649	11.653	ppbv		99
67)	sec-Butylbenzene	17.268	105	6652397	9.588	ppbv		100
69)	p-Isopropyltoluene	17.629	119	5471966	9.832	ppbv		100
70)	n-Butylbenzene	18.529	91	5251321	10.268	ppbv		99
71)	2-Chlorotoluene	15.429	91	4033842	10.103	ppbv		98
72)	4-Ethyltoluene	15.815	105	4744676	10.291	ppbv		99
73)	1,3,5-Trimethylbenzene	15.976	105	4240719	9.822	ppbv		97
74)	1,2,4-Trimethylbenzene	16.738	105	4319396	9.549	ppbv	#	92
75)	1,3-Dichlorobenzene	16.973	146	2668909	9.476	ppbv		100
76)	1,4-Dichlorobenzene	17.114	146	2555509	9.377	ppbv		100
77)	1,2-Dichlorobenzene	17.793	146	2468759	9.335	ppbv		99
78)	Hexachloro-1,3-Butadiene	23.345	225	1855543	8.198	ppbv		99
79)	Naphthalene	22.165	128	3237485	12.422	ppbv		99
80)	Naphthalene,2-methyl-	24.947	142	917553	18.086	ppbv		98
81)	1,2,4-Trichlorobenzene	21.892	180	1863966m	10.988	ppbv		

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

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