

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL039019.D
 Acq On : 10 May 2022 14:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 11 01:47:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 01:47:28 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

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

Internal Standards						
1) Bromochloromethane	5.645	49	1007343	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2881504	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2770321m	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1979005	9.020	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	3.041	85	1906550	12.079	ppbv	96
3) Chlorodifluoromethane	2.980	51	1179046	9.432	ppbv	94
4) Chloromethane	3.134	50	624260	9.973	ppbv	98
5) Vinyl Chloride	3.250	62	589112	10.306	ppbv	97
6) Bromomethane	3.465	94	265741	9.841	ppbv	95
7) Chloroethane	3.542	64	190638	9.964	ppbv	96
8) Dichlorotetrafluoroethane	3.179	85	1364454	9.539	ppbv	94
9) Propene	3.002	41	593416	10.871	ppbv	97
10) Heptane	8.095	43	1490414	11.129	ppbv	99
11) Trichlorofluoromethane	3.938	101	1276761	9.428	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.468	101	928040	9.948	ppbv	94
13) Ethanol	3.594	45	28033m	7.257	ppbv	
14) Bromoethene	3.729	108	421508	10.957	ppbv	94
15) Acetone	3.832	43	926914	9.755	ppbv	98
16) 1,3-Butadiene	3.317	39	570047	10.442	ppbv	99
17) tert-Butyl alcohol	4.266	59	747129	10.230	ppbv	98
18) 1,1-Dichloroethene	4.276	96	410914	10.235	ppbv	96
19) Isopropyl Alcohol	3.948	45	437986	9.694	ppbv #	1
20) Methylene Chloride	4.327	84	328138	9.162	ppbv	98
21) Allyl Chloride	4.398	41	703488	10.865	ppbv	97
22) trans-1,2-Dichloroethene	4.867	96	441858	10.189	ppbv	98
23) Vinyl Acetate	5.054	43	940449	12.508	ppbv	97
24) 1,1-Dichloroethane	4.993	63	874702	10.103	ppbv	100
25) Ethyl Acetate	5.652	43	2483813	10.921	ppbv	99
26) Hexane	5.668	57	1088052	10.767	ppbv	96
27) Carbon Disulfide	4.533	76	1024966	10.677	ppbv	98
28) Methyl tert-Butyl Ether	5.015	73	886914	11.536	ppbv	100
29) Chloroform	5.732	83	1643412	10.052	ppbv	99
30) Cyclohexane	7.105	84	960936	11.358	ppbv	92
31) cis-1,2-Dichloroethene	5.530	61	1079659	10.487	ppbv	88
32) 1,1,1-Trichloroethane	6.488	97	1610511	9.852	ppbv	97
34) 2-Butanone	5.221	43	1503999	10.231	ppbv	99
35) Carbon Tetrachloride	6.996	117	1618261	8.523	ppbv	98
36) Benzene	6.867	78	2333947	9.465	ppbv	98
37) 1,2-Dichloroethane	6.285	62	1177292	7.716	ppbv #	96
38) Trichloroethene	7.809	130	1011000	9.222	ppbv	96
39) 1,2-Dichloropropane	7.587	63	894868	9.326	ppbv	97
40) 1,4-Dioxane	7.796	88	302332	8.773	ppbv #	1
41) Tetrahydrofuran	6.025	42	957642	9.693	ppbv	100
42) Bromodichloromethane	7.764	83	1760532	8.440	ppbv	98
43) Methyl Methacrylate	7.983	69	964741	9.637	ppbv	95
44) 2,2,4-Trimethylpentane	7.841	57	3838755	8.872	ppbv	97
45) t-1,3-Dichloropropene	9.246	75	1005940	10.381	ppbv	98

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46) cis-1,3-Dichloropropene	8.674	75	1280093	9.961	ppbv	94
47) 1,1,2-Trichloroethane	9.446	97	929581	9.315	ppbv	98
48) Dibromochloromethane	10.275	129	1498985	9.229	ppbv	99
49) Bromoform	13.008	173	1166998	9.421	ppbv	98
50) 4-Methyl-2-Pentanone	8.709	43	2332599	9.049	ppbv	96
51) 2-Hexanone	10.098	43	1877196	9.978	ppbv #	98
52) Tetrachloroethene	11.192	164	807854	9.168	ppbv	96
53) Toluene	9.774	91	2726504	9.865	ppbv	100
54) 1,2-Dibromoethane	10.578	107	1320218	9.718	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.092	131	1062467	8.741	ppbv	98
57) Chlorobenzene	12.114	112	1936810	9.327	ppbv	94
58) Ethyl Benzene	12.677	91	3599131	9.028	ppbv	99
59) m/p-Xylene	12.963	91	5864885m	17.232	ppbv	
60) o-Xylene	13.658	91	2776447	8.667	ppbv	99
61) Styrene	13.494	104	1750479	10.236	ppbv	93
62) Isopropylbenzene	14.632	105	4056470	8.659	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.642	83	1532654	8.125	ppbv	100
64) n-propylbenzene	15.526	120	1050222	9.273	ppbv	89
65) tert-Butylbenzene	16.709	119	3451228	8.408	ppbv	94
66) Benzyl Chloride	16.950	91	541393	10.091	ppbv	95
67) sec-Butylbenzene	17.259	105	5045283	8.604	ppbv	100
69) p-Isopropyltoluene	17.616	119	4223586	8.915	ppbv	97
70) n-Butylbenzene	18.516	91	4504398	8.950	ppbv	98
71) 2-Chlorotoluene	15.420	91	3092405	8.563	ppbv	98
72) 4-Ethyltoluene	15.802	105	3354520	9.190	ppbv	97
73) 1,3,5-Trimethylbenzene	15.960	105	2967217	9.029	ppbv	98
74) 1,2,4-Trimethylbenzene	16.725	105	3121605	8.675	ppbv	97
75) 1,3-Dichlorobenzene	16.960	146	1812147	9.192	ppbv	99
76) 1,4-Dichlorobenzene	17.101	146	1791463	9.237	ppbv	98
77) 1,2-Dichlorobenzene	17.780	146	1812489	9.296	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1644710	9.178	ppbv	100
79) Naphthalene	22.149	128	3535078	12.095	ppbv	99
80) Naphthalene,2-methyl-	24.940	142	726500	8.217	ppbv	96
81) 1,2,4-Trichlorobenzene	21.883	180	1812052	10.580	ppbv	99

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

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