

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018959.D
 Acq On : 16 Oct 2020 23:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00ml/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Oct 17 06:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298174	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103225	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.58	69	90303	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.12	63	223688	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
21) 2-Butanone-d5	3.90	46	166608	97.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.38	84	203964	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.06	65	140232	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
32) Benzene-d6	5.07	84	380800	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.09	67	123958	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.34	98	347637	44.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.42%
43) trans-1,3-Dichloropropene-	7.64	79	60672	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.11	63	104420	101.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153086	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	146887	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	130719	50.629	ug/L 99
3) Chloromethane	1.25	50	146605	50.348	ug/L 100
5) Vinyl chloride	1.32	62	149073	52.969	ug/L 98
6) Bromomethane	1.53	94	91267	53.152	ug/L 98
8) Chloroethane	1.60	64	94460	55.962	ug/L 100
9) Trichlorofluoromethane	1.76	101	205295	55.266	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110668	57.213	ug/L 99
12) 1,1-Dichloroethene	2.13	96	109945	56.088	ug/L 94
13) Acetone	2.19	43	130648	104.507	ug/L 98
14) Carbon disulfide	2.31	76	341451	51.128	ug/L 100
15) Methyl Acetate	2.44	43	144855	56.406	ug/L 98
16) Methylene chloride	2.52	84	128230	54.528	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	115658	53.152	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	372128	54.127	ug/L 100
19) 1,1-Dichloroethane	3.21	63	211874	50.049	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	114294	49.558	ug/L 99
22) 2-Butanone	3.99	43	175989	103.537	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59361	49.838	ug/L	98
25) Chloroform	4.40	83	216961	50.967	ug/L	99
27) 1,2-Dichloroethane	5.15	62	179926	51.741	ug/L	99
29) Cyclohexane	4.70	56	182369	51.690	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	192574	52.276	ug/L	99
31) Carbon tetrachloride	4.85	117	166426	53.081	ug/L	98
33) Benzene	5.12	78	457277	50.247	ug/L	100
34) Trichloroethene	5.94	95	126213	48.092	ug/L	99
35) Methylcyclohexane	6.15	83	160687	50.555	ug/L	100
37) 1,2-Dichloropropane	6.20	63	124516	51.110	ug/L	99
38) Bromodichloromethane	6.53	83	156531	50.114	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	184047	50.276	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	345371	102.798	ug/L	99
42) Toluene	7.41	91	488175	51.937	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	180923	51.001	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	110471	48.749	ug/L	99
46) Tetrachloroethene	8.00	164	92659	50.098	ug/L	99
48) 2-Hexanone	8.16	43	277418	104.142	ug/L	98
49) Dibromochloromethane	8.27	129	121273	50.548	ug/L	99
50) 1,2-Dibromoethane	8.37	107	115771	49.021	ug/L	99
51) Chlorobenzene	8.90	112	305539	49.859	ug/L	99
52) Ethylbenzene	9.03	91	532387	52.322	ug/L	100
53) m,p-Xylene	9.16	106	197891	52.203	ug/L	99
54) o-xylene	9.56	106	191499	52.803	ug/L	99
55) Styrene	9.58	104	340666	53.404	ug/L	99
56) Isopropylbenzene	9.95	105	508476	53.406	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	152286	49.491	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	147235	49.928	ug/L	100
61) Bromoform	9.75	173	87771	49.778	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	247895	49.541	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	255502	48.567	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	247378	49.000	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	35565	47.273	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	168886	50.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	163591	52.817	ug/L	99
69) Naphthalene	13.52	128	499444	56.820	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	171823	55.498	ug/L	99

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

