

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016649.D
 Acq On : 24 Sep 2020 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Sep 25 08:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	554793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486365	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238252	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	91737	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.32%
7) Chloroethane-d5	2.90	69	85098	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.04	63	245679	20.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.84%
20) 2-Butanone-d5	7.09	46	64463	44.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.06%
24) Chloroform-d	7.65	84	275422	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	135052	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.28	84	463251	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	9.28	67	136207	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
37) Toluene-d8	10.33	98	433121	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.72%
38) trans-1,3-Dichloropropene-	10.58	79	63698	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	10.93	63	52015	48.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120724	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	182767	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	179041	26.124	ug/L	93
3) Chloromethane	2.23	50	122440	24.415	ug/L	97
5) Vinyl chloride	2.38	62	178584	24.132	ug/L	99
6) Bromomethane	2.79	94	130155	23.178	ug/L	100
8) Chloroethane	2.93	64	105734	24.152	ug/L	98
9) Trichlorofluoromethane	3.28	101	178089	23.869	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	186681	26.117	ug/L	99
12) 1,1-Dichloroethene	4.06	96	181115	25.773	ug/L	91
13) Acetone	4.14	43	46574	40.609	ug/L	99
14) Carbon disulfide	4.40	76	503604	23.754	ug/L	99
15) Methyl Acetate	4.68	43	56362	21.582	ug/L	99
16) Methylene chloride	4.93	84	184746	21.591	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	230646	23.963	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	188938	25.962	ug/L	99
19) 1,1-Dichloroethane	6.23	63	292650	25.429	ug/L	98
21) 2-Butanone	7.18	43	78392	40.177	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	193028	25.564	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	92104	25.091	ug/L	97
25) Chloroform	7.68	83	325296	25.925	ug/L	99
27) 1,2-Dichloroethane	8.40	62	202574	25.162	ug/L	98
30) Cyclohexane	7.96	56	268681	25.279	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	301386	26.533	ug/L	100
32) Carbon tetrachloride	8.07	117	291849	26.446	ug/L	100
34) Benzene	8.33	78	673517	25.836	ug/L	100
35) Trichloroethene	9.10	95	200040	26.523	ug/L	99
36) Methylcyclohexane	9.34	83	331272	25.895	ug/L	99
40) 1,2-Dichloropropane	9.37	63	153083	25.249	ug/L	100
41) Bromodichloromethane	9.65	83	230317	25.634	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	257789	24.892	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	169246	43.936	ug/L	98
44) Toluene	10.39	91	777149	26.512	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	221448	24.577	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	126752	24.815	ug/L	98
47) Tetrachloroethene	10.87	164	187128	27.477	ug/L	97
49) 2-Hexanone	10.97	43	114014	46.637	ug/L	97
50) Dibromochloromethane	11.13	129	166402	24.952	ug/L	95
51) 1,2-Dibromoethane	11.24	107	128289	25.085	ug/L	95
52) Chlorobenzene	11.66	112	509269	25.864	ug/L	99
53) Ethylbenzene	11.73	91	880241	26.449	ug/L	99
54) m,p-Xylene	11.84	106	343244	26.339	ug/L	98
55) o-xylene	12.16	106	330915	26.506	ug/L	98
56) Styrene	12.18	104	551455	26.600	ug/L	97
57) Isopropylbenzene	12.46	105	911688	26.725	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	136442	23.887	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	100219	23.557	ug/L	99
62) Bromoform	12.35	173	98685	24.557	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	415748	26.828	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	396096	26.100	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	356919	25.776	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	23274	23.449	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	291667	25.735	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	234586	25.587	ug/L	95
69) Naphthalene	15.37	128	410588	25.263	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	202022	25.620	ug/L	100

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

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