

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113018\
 Data File : VW007145.D
 Acq On : 30 Nov 2018 15:47
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV88

Quant Time: Nov 30 22:37:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	132920	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	127627	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28272	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
7) Chloroethane-d5	2.89	69	19913	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
10) 1,1-Dichloroethene-d2	4.02	63	76003	25.80	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.20%
20) 2-Butanone-d5	7.08	46	25894	56.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.10%
24) Chloroform-d	7.65	84	67290	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	39081	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	8.27	84	152434	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.27	67	42334	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	161800	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.88%
38) trans-1,3-Dichloropropene-	10.58	79	20833	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	10.93	63	23850	58.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42755	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	57671	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	67276	27.694	ug/L	99
3) Chloromethane	2.21	50	45221	26.652	ug/L	97
5) Vinyl chloride	2.36	62	42239	27.810	ug/L	96
6) Bromomethane	2.77	94	23562	27.041	ug/L	100
8) Chloroethane	2.92	64	21472	26.234	ug/L	96
9) Trichlorofluoromethane	3.26	101	76174	26.768	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	45848	27.301	ug/L	98
12) 1,1-Dichloroethene	4.04	96	40055	27.070	ug/L	97
13) Acetone	4.13	43	18245	56.869	ug/L	100
14) Carbon disulfide	4.39	76	145516	27.788	ug/L	100
15) Methyl Acetate	4.67	43	24018	30.192	ug/L	98
16) Methylene chloride	4.92	84	48426	22.789	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	103115	27.114	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	43658	26.685	ug/L	99
19) 1,1-Dichloroethane	6.22	63	72283	26.710	ug/L	98
21) 2-Butanone	7.17	43	29466	59.829	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	46068	26.333	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	20030	26.313	ug/L	93
25) Chloroform	7.68	83	76610	26.092	ug/L	99
27) 1,2-Dichloroethane	8.40	62	51316	26.346	ug/L	100
30) Cyclohexane	7.96	56	79839	28.700	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	73683	27.881	ug/L	99
32) Carbon tetrachloride	8.07	117	66888	27.887	ug/L	98
34) Benzene	8.32	78	177819	26.887	ug/L	100
35) Trichloroethene	9.09	95	47661	26.580	ug/L	99
36) Methylcyclohexane	9.34	83	92653	27.828	ug/L	99
40) 1,2-Dichloropropane	9.37	63	41434	26.119	ug/L	100
41) Bromodichloromethane	9.65	83	54834	26.402	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	65028	25.809	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	68889	58.686	ug/L	99
44) Toluene	10.39	91	211638	26.707	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	58491	26.423	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	33210	26.584	ug/L	95
47) Tetrachloroethene	10.87	164	42341	27.031	ug/L	96
49) 2-Hexanone	10.97	43	50037	62.971	ug/L	99
50) Dibromochloromethane	11.13	129	39935	26.245	ug/L	98
51) 1,2-Dibromoethane	11.24	107	34614	27.343	ug/L #	95
52) Chlorobenzene	11.66	112	137251	26.271	ug/L	96
53) Ethylbenzene	11.73	91	249754	27.185	ug/L	99
54) m,p-Xylene	11.84	106	96648	26.961	ug/L	100
55) o-xylene	12.17	106	89666	26.972	ug/L	94
56) Styrene	12.18	104	152910	27.200	ug/L	100
57) Isopropylbenzene	12.47	105	254007	27.478	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	45883	28.903	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	36772	29.639	ug/L	98
62) Bromoform	12.35	173	24307	28.172	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	110672	26.690	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	110357	26.460	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	102030	26.890	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	9246	30.049	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	79821	25.632	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	65398	24.703	ug/L	98
69) Naphthalene	15.38	128	157456	27.934	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	60224	26.070	ug/L	99

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

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