

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017092.D
 Acq On : 05 Nov 2020 16:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Nov 06 04:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	500875	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150575	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	2.89	69	117647	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.03	63	265906	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.24%
20) 2-Butanone-d5	7.08	46	55311	39.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.40%
24) Chloroform-d	7.65	84	284033	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.31	65	135105	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.28	84	556075	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	154010	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.33	98	524129	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.64%
38) trans-1,3-Dichloropropene-	10.58	79	66593	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	46893	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123070	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	189363	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	120087	23.896	ug/L	98
3) Chloromethane	2.21	50	104291	22.866	ug/L	99
5) Vinyl chloride	2.37	62	162567	24.302	ug/L	99
6) Bromomethane	2.78	94	109314	23.630	ug/L	100
8) Chloroethane	2.93	64	100680	24.944	ug/L	99
9) Trichlorofluoromethane	3.27	101	143355	26.349	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	162652	25.158	ug/L	99
12) 1,1-Dichloroethene	4.04	96	149044	23.975	ug/L	96
13) Acetone	4.13	43	35965	38.073	ug/L	98
14) Carbon disulfide	4.39	76	391540	23.144	ug/L	99
15) Methyl Acetate	4.67	43	44895	19.175	ug/L	96
16) Methylene chloride	4.92	84	149270	22.105	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	173649	22.876	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	156033	24.247	ug/L	96
19) 1,1-Dichloroethane	6.22	63	251432	24.661	ug/L	99
21) 2-Butanone	7.18	43	56626	37.333	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	164054	24.112	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	76026	23.208	ug/L	95
25) Chloroform	7.68	83	273958	24.681	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155348	23.355	ug/L	96
30) Cyclohexane	7.96	56	211265	24.580	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	238794	25.544	ug/L	98
32) Carbon tetrachloride	8.07	117	225885	25.041	ug/L	99
34) Benzene	8.33	78	588818	24.565	ug/L	100
35) Trichloroethene	9.09	95	163752	24.387	ug/L	99
36) Methylcyclohexane	9.34	83	266330	24.649	ug/L	99
40) 1,2-Dichloropropane	9.37	63	136680	24.393	ug/L	99
41) Bromodichloromethane	9.65	83	188643	24.342	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	213450	24.050	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	133393	38.586	ug/L	99
44) Toluene	10.39	91	654658	24.812	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	180541	23.687	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	108691	22.498	ug/L	97
47) Tetrachloroethene	10.87	164	150894	24.907	ug/L	89
49) 2-Hexanone	10.97	43	85000	40.784	ug/L	99
50) Dibromochloromethane	11.13	129	137346	23.335	ug/L	100
51) 1,2-Dibromoethane	11.24	107	102894	21.923	ug/L	98
52) Chlorobenzene	11.66	112	428724	24.024	ug/L	96
53) Ethylbenzene	11.73	91	738955	25.074	ug/L	99
54) m,p-Xylene	11.84	106	286744	24.873	ug/L	96
55) o-xylene	12.17	106	274491	25.085	ug/L	97
56) Styrene	12.18	104	460289	25.054	ug/L	98
57) Isopropylbenzene	12.47	105	746968	25.154	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	118865	21.298	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	84107	20.966	ug/L	99
62) Bromoform	12.35	173	75726	21.526	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	347352	24.365	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	344204	24.032	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	310889	24.182	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17500	20.588	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	254386	24.215	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	205209	24.478	ug/L	99
69) Naphthalene	15.37	128	331851	21.510	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	173353	22.631	ug/L	99

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

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