

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019143.D
 Acq On : 28 Oct 2020 19:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Oct 29 03:18:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 03:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68104	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.76%
7) Chloroethane-d5	1.58	69	59510	35.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.30%
11) 1,1-Dichloroethene-d2	2.12	63	149390	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	3.91	46	112815	79.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.75%
24) Chloroform-d	4.38	84	159187	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.06	65	108973	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
32) Benzene-d6	5.07	84	283613	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
36) 1,2-Dichloropropane-d6	6.09	67	85647	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.34%
41) Toluene-d8	7.34	98	268638	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.64	79	50182	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.11	63	84185	86.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.29%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	121154	40.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	118678	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	82354	45.666	ug/L	98
3) Chloromethane	1.25	50	77875	34.722	ug/L	99
5) Vinyl chloride	1.32	62	82611	37.390	ug/L	100
6) Bromomethane	1.53	94	54510	43.118	ug/L	99
8) Chloroethane	1.60	64	53464	38.586	ug/L	99
9) Trichlorofluoromethane	1.76	101	146443	50.390	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	70174	45.403	ug/L	93
12) 1,1-Dichloroethene	2.13	96	68595	44.359	ug/L	81
13) Acetone	2.19	43	84298	87.926	ug/L	98
14) Carbon disulfide	2.31	76	201469	39.516	ug/L	100
15) Methyl Acetate	2.45	43	80054	39.735	ug/L	95
16) Methylene chloride	2.52	84	79612	44.170	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	75039	45.920	ug/L	93
18) Methyl tert-butyl Ether	2.78	73	258312	48.746	ug/L	97
19) 1,1-Dichloroethane	3.21	63	143660	43.542	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	81705	46.759	ug/L	93
22) 2-Butanone	4.00	43	107994	82.169	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	43499	48.902	ug/L	85
25) Chloroform	4.40	83	153856	47.338	ug/L	97
27) 1,2-Dichloroethane	5.15	62	132119	48.981	ug/L	100
29) Cyclohexane	4.70	56	114108	42.097	ug/L	90
30) 1,1,1-Trichloroethane	4.64	97	145977	51.773	ug/L	98
31) Carbon tetrachloride	4.85	117	128137	52.131	ug/L	99
33) Benzene	5.13	78	310239	44.751	ug/L	100
34) Trichloroethene	5.94	95	81594	46.577	ug/L	94
35) Methylcyclohexane	6.15	83	113958	47.544	ug/L	93
37) 1,2-Dichloropropane	6.20	63	78602	41.185	ug/L	98
38) Bromodichloromethane	6.53	83	116581	48.277	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	131824	46.737	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	221750	86.123	ug/L #	95
42) Toluene	7.41	91	339419	47.699	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	136687	48.848	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	77683	46.085	ug/L	96
46) Tetrachloroethene	8.00	164	70687	52.581	ug/L	97
48) 2-Hexanone	8.16	43	171864	86.500	ug/L #	95
49) Dibromochloromethane	8.27	129	95142	51.639	ug/L	98
50) 1,2-Dibromoethane	8.37	107	83810	47.912	ug/L	99
51) Chlorobenzene	8.90	112	223119	48.888	ug/L	97
52) Ethylbenzene	9.03	91	378159	49.145	ug/L	99
53) m,p-Xylene	9.16	106	142780	50.688	ug/L	99
54) o-xylene	9.56	106	137709	50.774	ug/L	100
55) Styrene	9.58	104	247791	51.505	ug/L	99
56) Isopropylbenzene	9.95	105	372167	52.186	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	119794	43.190	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	101549	45.505	ug/L	100
61) Bromoform	9.75	173	74736	53.285	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	187823	50.255	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	192146	49.200	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	187805	49.838	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	31482	47.287	ug/L	87
67) 1,3,5-Trichlorobenzene	12.67	180	137825	54.005	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	131448	54.621	ug/L	98
69) Naphthalene	13.52	128	395214	53.300	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	131655	53.994	ug/L	99

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

