

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018935.D
 Acq On : 16 Oct 2020 13:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Oct 17 05:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 10:34:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321503	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112571	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.08%
7) Chloroethane-d5	1.57	69	92675	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	238342	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
21) 2-Butanone-d5	3.90	46	172326	93.42	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.42%
24) Chloroform-d	4.37	84	221158	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.05	65	149744	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.07	84	414245	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
36) 1,2-Dichloropropane-d6	6.09	67	134498	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.33	98	381438	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	7.64	79	68556	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.26%
47) 2-Hexanone-d5	8.10	63	107811	98.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	165340	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	157007	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	151877	54.556	ug/L 99
3) Chloromethane	1.25	50	162374	51.717	ug/L 100
5) Vinyl chloride	1.32	62	159935	52.705	ug/L 99
6) Bromomethane	1.53	94	93999	50.771	ug/L 99
8) Chloroethane	1.59	64	96555	53.052	ug/L 100
9) Trichlorofluoromethane	1.76	101	224769	56.118	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	120801	57.920	ug/L 99
12) 1,1-Dichloroethene	2.13	96	114153	54.009	ug/L 96
13) Acetone	2.18	43	155926	115.677	ug/L 97
14) Carbon disulfide	2.31	76	378842	52.611	ug/L 100
15) Methyl Acetate	2.44	43	148972	53.800	ug/L 99
16) Methylene chloride	2.52	84	134209	52.929	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	125713	53.581	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	398710	53.785	ug/L 100
19) 1,1-Dichloroethane	3.21	63	235439	51.580	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	125651	50.529	ug/L 100
22) 2-Butanone	3.98	43	194050	105.879	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	64160	49.958	ug/L	99
25) Chloroform	4.40	83	231284	50.389	ug/L	99
27) 1,2-Dichloroethane	5.15	62	189792	50.618	ug/L	100
29) Cyclohexane	4.70	56	205681	54.859	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	204929	52.349	ug/L	99
31) Carbon tetrachloride	4.85	117	178399	53.544	ug/L	100
33) Benzene	5.12	78	490736	50.743	ug/L	100
34) Trichloroethene	5.93	95	135925	48.738	ug/L	99
35) Methylcyclohexane	6.15	83	184932	54.752	ug/L	99
37) 1,2-Dichloropropane	6.19	63	130983	50.593	ug/L	98
38) Bromodichloromethane	6.53	83	168577	50.788	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	202883	52.153	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	364305	102.038	ug/L	99
42) Toluene	7.41	91	522906	52.351	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	201277	53.392	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	119319	49.548	ug/L	99
46) Tetrachloroethene	7.99	164	103457	52.637	ug/L	99
48) 2-Hexanone	8.15	43	291974	103.142	ug/L	99
49) Dibromochloromethane	8.27	129	131520	51.586	ug/L	100
50) 1,2-Dibromoethane	8.37	107	123359	49.153	ug/L	99
51) Chlorobenzene	8.90	112	328293	50.413	ug/L	99
52) Ethylbenzene	9.03	91	580186	53.657	ug/L	100
53) m,p-Xylene	9.16	106	215249	53.433	ug/L	98
54) o-xylene	9.56	106	208440	54.084	ug/L	99
55) Styrene	9.58	104	370728	54.689	ug/L	100
56) Isopropylbenzene	9.95	105	559634	55.312	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	164824	50.406	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	152276	48.591	ug/L	99
61) Bromoform	9.75	173	94798	51.533	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	267188	51.181	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	275888	50.266	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	267005	50.694	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37771	48.122	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	183121	52.219	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	171518	53.079	ug/L	100
69) Naphthalene	13.52	128	499187	54.434	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	173200	53.622	ug/L	100

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

