

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092120\
 Data File : VX018525.D
 Acq On : 22 Sep 2020 16:55
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050410

Quant Time: Sep 23 01:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 01:46:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	681401	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	652447	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	343510	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196917	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.70	69	152314	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.06%
11) 1,1-Dichloroethene-d2	2.35	63	435186	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
21) 2-Butanone-d5	4.53	46	277680	92.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.43%
24) Chloroform-d	5.13	84	435421	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	6.03	65	308145	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	6.05	84	816633	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	7.37	67	261697	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	8.70	98	794133	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	8.99	79	143940	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	9.43	63	204363	93.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.33%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	341077	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
66) 1,2-Dichlorobenzene-d4	12.36	152	307788	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	284998	48.572	ug/L	99
3) Chloromethane	1.31	50	227657	50.822	ug/L	98
5) Vinyl chloride	1.39	62	240187	48.212	ug/L	98
6) Bromomethane	1.64	94	140719	53.000	ug/L	97
8) Chloroethane	1.71	64	134777	46.048	ug/L	99
9) Trichlorofluoromethane	1.92	101	411181	48.867	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	230575	50.404	ug/L	100
12) 1,1-Dichloroethene	2.35	96	208396	48.552	ug/L	96
13) Acetone	2.43	43	205536	93.006	ug/L	100
14) Carbon disulfide	2.55	76	639698	49.012	ug/L	99
15) Methyl Acetate	2.75	43	215930	46.045	ug/L #	90
16) Methylene chloride	2.84	84	227972	48.479	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	222247	49.206	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	703232	48.331	ug/L	99
19) 1,1-Dichloroethane	3.67	63	402400	47.921	ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	237674	48.121	ug/L #	97
22) 2-Butanone	4.64	43	310255	92.463	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	130894	48.162	ug/L	93
25) Chloroform	5.17	83	453797	48.339	ug/L	99
27) 1,2-Dichloroethane	6.16	62	367406	48.900	ug/L	100
29) Cyclohexane	5.55	56	352812	49.285	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	422193	48.157	ug/L	99
31) Carbon tetrachloride	5.75	117	384702	48.577	ug/L	100
33) Benzene	6.11	78	876485	47.890	ug/L	100
34) Trichloroethene	7.18	95	249973	48.950	ug/L	98
35) Methylcyclohexane	7.44	83	368818	49.697	ug/L	99
37) 1,2-Dichloropropane	7.49	63	236879	49.042	ug/L	100
38) Bromodichloromethane	7.87	83	337510	48.666	ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	378873	48.593	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	582141	90.869	ug/L	100
42) Toluene	8.76	91	968023	49.233	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	388870	49.010	ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	228387	48.814	ug/L	97
46) Tetrachloroethene	9.32	164	204716	48.710	ug/L	99
48) 2-Hexanone	9.47	43	468749	92.895	ug/L	99
49) Dibromochloromethane	9.57	129	292225	49.568	ug/L	95
50) 1,2-Dibromoethane	9.65	107	244471	47.509	ug/L	99
51) Chlorobenzene	10.12	112	637531	48.276	ug/L	100
52) Ethylbenzene	10.24	91	1072805	48.981	ug/L	100
53) m,p-Xylene	10.34	106	408884	49.013	ug/L	97
54) o-Xylene	10.68	106	397865	49.518	ug/L	98
55) Styrene	10.69	104	690587	49.922	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	335922	46.919	ug/L	100
59) Bromoform	10.84	173	205460	45.363	ug/L	98
60) Isopropylbenzene	11.00	105	1073580	48.852	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	275245	44.417	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	902577	49.748	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	906089	49.030	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	511562	47.128	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	521164	47.540	ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	490748	46.954	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	79402	43.683	ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	353996	49.164	ug/L	94
70) 1,2,4-trichlorobenzene	13.63	180	305111	46.166	ug/L	97
71) Naphthalene	13.82	128	986269	47.812	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	316485	47.777	ug/L	98

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

