

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013181.D
 Acq On : 17 Oct 2019 19:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Oct 18 04:11:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	514901	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.91	117	540818	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	304071	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	265939	4.87	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.60	69	196251	4.77	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.15	63	366332	4.66	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.02	46	449823	41.96	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.41	84	392338	4.09	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.10	65	222927	4.90	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	919836	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.15	67	285535	4.98	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.39	98	851697	4.99	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.69	79	97865	4.72	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.15	63	439799	51.45	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210869	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	295168	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.16	85	333018	5.099	ug/L 99
3) Chloromethane	1.27	50	346924	5.064	ug/L 100
5) Vinyl chloride	1.34	62	331844	4.998	ug/L 99
6) Bromomethane	1.56	94	191852	4.906	ug/L 97
8) Chloroethane	1.62	64	173384	4.965	ug/L 98
9) Trichlorofluoromethane	1.79	101	385698	4.661	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	219827	4.918	ug/L 99
12) 1,1-Dichloroethene	2.15	96	213958	5.060	ug/L 92
13) Acetone	2.27	43	263931	37.760	ug/L 88
14) Carbon disulfide	2.33	76	609592	4.000	ug/L 99
15) Methyl Acetate	2.50	43	75019	4.484	ug/L 97
16) Methylene chloride	2.56	84	228311	3.491	ug/L 91
17) Methyl tert-butyl Ether	2.84	73	475253	4.645	ug/L 99
18) trans-1,2-Dichloroethene	2.81	96	230999	4.276	ug/L 92
19) 1,1-Dichloroethane	3.24	63	396408	4.063	ug/L 99
21) 2-Butanone	4.10	43	493138	44.633	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	257012	4.637	ug/L # 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	109316	4.561	ug/L	82
25) Chloroform	4.44	83	420643	4.063	ug/L	99
27) 1,2-Dichloroethane	5.20	62	294110	5.196	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	368197	4.566	ug/L	96
30) Cyclohexane	4.72	56	367321	4.229	ug/L	91
31) Carbon tetrachloride	4.87	117	361669	4.968	ug/L	98
33) Benzene	5.15	78	1095795	5.095	ug/L	100
34) Trichloroethene	5.98	95	275550	4.977	ug/L	98
35) Methylcyclohexane	6.20	83	442935	5.010	ug/L	99
37) 1,2-Dichloropropane	6.25	63	265219	5.063	ug/L	100
38) Bromodichloromethane	6.60	83	330813	4.962	ug/L	98
39) cis-1,3-Dichloropropene	7.10	75	361311	5.035	ug/L	99
40) 4-Methyl-2-pentanone	7.31	43	1539539	53.066	ug/L	98
42) Toluene	7.46	91	1188025	5.308	ug/L	99
44) trans-1,3-Dichloropropene	7.71	75	271293	4.967	ug/L	99
45) 1,1,2-Trichloroethane	7.90	97	184202	5.070	ug/L	99
47) Tetrachloroethene	8.04	164	240572	4.880	ug/L	99
48) 2-Hexanone	8.20	43	1103767	52.375	ug/L	97
49) Dibromochloromethane	8.31	129	217078	4.962	ug/L	100
50) 1,2-Dibromoethane	8.41	107	166830	4.962	ug/L	98
51) Chlorobenzene	8.94	112	728435	5.084	ug/L	98
52) Ethylbenzene	9.06	91	1221447	5.135	ug/L	99
53) m,p-xylene	9.19	106	467056	5.200	ug/L	99
54) o-xylene	9.59	106	448097	5.157	ug/L	95
55) Styrene	9.61	104	776979	5.397	ug/L	97
56) Isopropylbenzene	9.98	105	1191189	5.221	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	217027	4.861	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	154343	4.961	ug/L	99
61) Bromoform	9.78	173	121684	4.993	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	565464	5.072	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	556981	5.047	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	521356	5.029	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	30632	4.501	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	377510	4.799	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	313463	4.648	ug/L	100
69) Naphthalene	13.55	128	471332	4.792	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	307718	4.785	ug/L	99

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

