

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082919\
 Data File : VV012443.D
 Acq On : 29 Aug 2019 21:03
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Aug 30 06:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 30 06:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	109269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94637	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	68837	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.13	63	160187	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	3.96	46	210631	48.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.26%
24) Chloroform-d	4.40	84	170484	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	83164	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	334671	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	103394	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	312124	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.66	79	38562	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.14	63	159350	52.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72631	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	102631	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	158679	4.904	ug/L 99
3) Chloromethane	1.25	50	151980	4.772	ug/L 98
5) Vinyl chloride	1.32	62	138973	4.620	ug/L 99
6) Bromomethane	1.54	94	76233	4.666	ug/L 99
8) Chloroethane	1.60	64	73246	4.539	ug/L 99
9) Trichlorofluoromethane	1.77	101	185582	4.762	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	91537	4.726	ug/L 99
12) 1,1-Dichloroethene	2.14	96	87733	4.805	ug/L 93
13) Acetone	2.23	43	146910	45.938	ug/L 98
14) Carbon disulfide	2.32	76	262233	4.698	ug/L 99
15) Methyl Acetate	2.47	43	39348	4.998	ug/L 98
16) Methylene chloride	2.53	84	91754	4.395	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	253035	5.042	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	112966	4.830	ug/L 97
19) 1,1-Dichloroethane	3.23	63	222581	4.862	ug/L 98
21) 2-Butanone	4.05	43	293637	49.947	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	122442	5.002	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	52195	4.909	ug/L	97
25) Chloroform	4.42	83	220218	4.592	ug/L	99
27) 1,2-Dichloroethane	5.18	62	130934	4.868	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	185340	5.007	ug/L	97
30) Cyclohexane	4.72	56	199881	5.356	ug/L	97
31) Carbon tetrachloride	4.87	117	161602	4.962	ug/L	97
33) Benzene	5.14	78	486386	5.141	ug/L	100
34) Trichloroethene	5.96	95	120744	5.009	ug/L	98
35) Methylcyclohexane	6.17	83	195869	5.341	ug/L	98
37) 1,2-Dichloropropane	6.22	63	125532	5.088	ug/L	100
38) Bromodichloromethane	6.55	83	151653	4.943	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	166580	5.218	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	756367	54.091	ug/L	99
42) Toluene	7.43	91	509468	5.261	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	126817	5.114	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	80297	4.906	ug/L	98
47) Tetrachloroethene	8.02	164	97308	5.043	ug/L	98
48) 2-Hexanone	8.19	43	533039	55.970	ug/L	99
49) Dibromochloromethane	8.29	129	96850	5.139	ug/L	99
50) 1,2-Dibromoethane	8.40	107	72653	5.026	ug/L	99
51) Chlorobenzene	8.92	112	314658	5.128	ug/L	97
52) Ethylbenzene	9.05	91	544565	5.321	ug/L	100
53) m,p-xylene	9.18	106	204868	5.461	ug/L	99
54) o-xylene	9.59	106	195634	5.341	ug/L	95
55) Styrene	9.60	104	341098	5.548	ug/L	97
56) Isopropylbenzene	9.97	105	527615	5.471	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	94182	4.892	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	66866	4.879	ug/L	95
61) Bromoform	9.77	173	51937	5.111	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	242305	5.299	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	240122	5.241	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	225492	5.230	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	14578	5.023	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	183491	5.379	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	136341	5.451	ug/L	99
69) Naphthalene	13.55	128	208392	5.757	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	133721	5.565	ug/L	100

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

