

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082619\
 Data File : VU033951.D
 Acq On : 26 Aug 2019 12:42
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV05

Quant Time: Aug 27 02:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 01:58:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264511	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	268120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115084	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.67	69	96684	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.26	63	223896	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	4.16	46	292380	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.62	84	196161	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.29	65	106640	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.31	84	394003	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.31	67	123355	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.54	98	352793	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.83	79	48742	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
46) 2-Hexanone-d5	8.30	63	214327	57.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	104134	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	133168	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	158071	5.032 ug/L	99
3) Chloromethane	1.32	50	158294	5.114 ug/L	99
5) Vinyl chloride	1.40	62	164841	5.071 ug/L	99
6) Bromomethane	1.62	94	79118	5.293 ug/L	98
8) Chloroethane	1.69	64	95462	4.682 ug/L	99
9) Trichlorofluoromethane	1.87	101	189380	5.127 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	105139	5.001 ug/L	99
12) 1,1-Dichloroethene	2.27	96	101873	4.995 ug/L	88
13) Acetone	2.31	43	227902	51.531 ug/L	99
14) Carbon disulfide	2.46	76	358847	4.961 ug/L	100
15) Methyl Acetate	2.60	43	61465	5.062 ug/L	99
16) Methylene chloride	2.68	84	114274	4.742 ug/L	98
17) Methyl tert-butyl Ether	2.98	73	278069	5.201 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	110028	4.980 ug/L	97
19) 1,1-Dichloroethane	3.42	63	214581	4.980 ug/L	99
21) 2-Butanone	4.25	43	349260	54.985 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	117151	5.152 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	53291	5.138	ug/L	98
25) Chloroform	4.65	83	211010	4.724	ug/L	100
27) 1,2-Dichloroethane	5.38	62	138004	5.162	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	172007	5.171	ug/L	99
30) Cyclohexane	4.97	56	180893	5.395	ug/L	100
31) Carbon tetrachloride	5.11	117	151725	5.137	ug/L	99
33) Benzene	5.36	78	451352	5.299	ug/L	100
34) Trichloroethene	6.16	95	112768	5.137	ug/L	97
35) Methylcyclohexane	6.39	83	180020	5.410	ug/L	97
37) 1,2-Dichloropropane	6.41	63	119860	5.138	ug/L	100
38) Bromodichloromethane	6.74	83	145797	5.102	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	164187	5.398	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	818409	57.334	ug/L	99
42) Toluene	7.62	91	464584	5.431	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	135235	5.379	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	82702	5.245	ug/L	98
47) Tetrachloroethene	8.21	164	89077	5.155	ug/L	99
48) 2-Hexanone	8.35	43	608799	60.896	ug/L	99
49) Dibromochloromethane	8.46	129	98588	5.301	ug/L	95
50) 1,2-Dibromoethane	8.57	107	78994	5.238	ug/L	100
51) Chlorobenzene	9.10	112	292513	5.224	ug/L	99
52) Ethylbenzene	9.23	91	484244	5.417	ug/L	98
53) m,p-Xylene	9.36	106	186304	5.571	ug/L	96
54) o-Xylene	9.76	106	176341	5.585	ug/L	100
55) Styrene	9.77	104	310772	5.716	ug/L	99
56) Isopropylbenzene	10.15	105	467339	5.598	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	108990	5.235	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	81088	5.422	ug/L	97
61) Bromoform	9.94	173	55423	5.149	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	241039	5.453	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	244328	5.329	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	229007	5.389	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	18557	5.609	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	189801	5.517	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	152613	5.948	ug/L	99
69) Naphthalene	13.73	128	267969	6.721	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	156956	6.315	ug/L	96

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

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