

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062719\
 Data File : VU033058.D
 Acq On : 27 Jun 2019 11:44
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Jun 28 02:26:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 28 02:22:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95603	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30568	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	26544	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	67071	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.19	46	95565	49.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	4.64	84	64752	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.30	65	35972	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.33	84	117844	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.32	67	38311	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	114307	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	17226	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.31	63	69630	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32632	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	47434	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	47480	4.824	ug/L 99
3) Chloromethane	1.32	50	49430	5.332	ug/L 97
5) Vinyl chloride	1.40	62	45122	4.825	ug/L 98
6) Bromomethane	1.63	94	21992	4.486	ug/L 98
8) Chloroethane	1.69	64	26559	4.902	ug/L 100
9) Trichlorofluoromethane	1.88	101	65200	4.920	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33807	4.929	ug/L 99
12) 1,1-Dichloroethene	2.28	96	31096	4.887	ug/L 96
13) Acetone	2.33	43	75094	46.126	ug/L 98
14) Carbon disulfide	2.47	76	101954	4.815	ug/L 100
15) Methyl Acetate	2.62	43	17346	4.606	ug/L 99
16) Methylene chloride	2.69	84	35958	4.928	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	85866	4.810	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	33464	4.804	ug/L 99
19) 1,1-Dichloroethane	3.43	63	65356	4.774	ug/L 99
21) 2-Butanone	4.28	43	110285	48.124	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	36784	4.861	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	16764	4.993	ug/L	97
25) Chloroform	4.67	83	68442	4.919	ug/L	95
27) 1,2-Dichloroethane	5.40	62	46039	4.832	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	58328	4.899	ug/L	98
30) Cyclohexane	4.98	56	54757	4.964	ug/L	98
31) Carbon tetrachloride	5.12	117	54253	5.008	ug/L	99
33) Benzene	5.38	78	138473	5.012	ug/L	100
34) Trichloroethene	6.18	95	37763	4.991	ug/L	99
35) Methylcyclohexane	6.40	83	57225	5.080	ug/L	98
37) 1,2-Dichloropropane	6.43	63	38832	5.241	ug/L #	97
38) Bromodichloromethane	6.75	83	48564	4.971	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	53092	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	264255	51.744	ug/L	100
42) Toluene	7.63	91	150068	5.085	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	45848	5.207	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	25657	4.938	ug/L	96
47) Tetrachloroethene	8.22	164	31426	5.163	ug/L	99
48) 2-Hexanone	8.36	43	193075	52.832	ug/L	100
49) Dibromochloromethane	8.47	129	33485	5.080	ug/L	98
50) 1,2-Dibromoethane	8.58	107	25351	5.005	ug/L	96
51) Chlorobenzene	9.11	112	97446	4.998	ug/L	98
52) Ethylbenzene	9.24	91	164398	5.060	ug/L	100
53) m,p-Xylene	9.37	106	62271	5.280	ug/L	98
54) o-Xylene	9.77	106	59499	5.177	ug/L	98
55) Styrene	9.79	104	105025	5.398	ug/L	99
56) Isopropylbenzene	10.16	105	163384	5.236	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	34064	5.054	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24188	4.878	ug/L	99
61) Bromoform	9.95	173	18776	4.831	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	80379	5.034	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	84967	5.101	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	79295	5.120	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	5651	5.306	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	66936	5.260	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	54030	5.941	ug/L	94
69) Naphthalene	13.74	128	82769	6.202	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	51264	5.749	ug/L	98

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

