

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029592.D
 Acq On : 21 Feb 2019 12:40
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV51

Quant Time: Feb 22 03:09:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 03:07:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	261510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	251678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	138897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83260	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	74783	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.27	63	176494	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.19	46	191987	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.65	84	146247	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	77237	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.34	84	315876	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	93829	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.56	98	310399	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	38465	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.31	63	191965	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83446	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	133455	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	101291	4.962	ug/L 99
3) Chloromethane	1.33	50	86637	4.911	ug/L 99
5) Vinyl chloride	1.40	62	110685	4.963	ug/L 98
6) Bromomethane	1.63	94	62660	5.075	ug/L 99
8) Chloroethane	1.70	64	67886	4.698	ug/L 99
9) Trichlorofluoromethane	1.89	101	158371	4.789	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	99853	4.893	ug/L 99
12) 1,1-Dichloroethene	2.28	96	93882	4.839	ug/L 98
13) Acetone	2.32	43	133678	48.188	ug/L 100
14) Carbon disulfide	2.48	76	310354	4.871	ug/L 99
15) Methyl Acetate	2.62	43	36788	4.546	ug/L 99
16) Methylene chloride	2.70	84	101096	4.407	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	223041	4.809	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	101450	4.805	ug/L 99
19) 1,1-Dichloroethane	3.44	63	141719	4.311	ug/L 99
21) 2-Butanone	4.28	43	194136	50.437	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	93703	4.846	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	43997	5.043	ug/L	96
25) Chloroform	4.67	83	156997	4.771	ug/L	97
27) 1,2-Dichloroethane	5.40	62	93579	4.815	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	128530	4.913	ug/L	99
30) Cyclohexane	4.99	56	130298	5.033	ug/L	97
31) Carbon tetrachloride	5.13	117	111567	4.900	ug/L	95
33) Benzene	5.39	78	331605	4.986	ug/L	100
34) Trichloroethene	6.18	95	92581	4.986	ug/L	99
35) Methylcyclohexane	6.41	83	152985	5.080	ug/L	99
37) 1,2-Dichloropropane	6.43	63	85668	5.113	ug/L	100
38) Bromodichloromethane	6.76	83	102485	4.900	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	124580	5.080	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	475980	50.545	ug/L	99
42) Toluene	7.63	91	373017	4.945	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	103766	5.271	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	65061	4.959	ug/L	97
47) Tetrachloroethene	8.22	164	86688	5.028	ug/L	99
48) 2-Hexanone	8.36	43	354136	51.420	ug/L	99
49) Dibromochloromethane	8.48	129	79152	4.980	ug/L	97
50) 1,2-Dibromoethane	8.58	107	63806	4.968	ug/L	99
51) Chlorobenzene	9.12	112	259375	5.005	ug/L	99
52) Ethylbenzene	9.25	91	422224	5.004	ug/L	98
53) m,p-xylene	9.37	106	168196	4.972	ug/L	99
54) o-xylene	9.78	106	164796	5.059	ug/L	97
55) Styrene	9.79	104	273762	5.031	ug/L	99
56) Isopropylbenzene	10.16	105	438615	5.018	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	80848	4.999	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	55558	4.965	ug/L	100
61) Bromoform	9.95	173	46247	5.021	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	219977	4.988	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	223563	4.999	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	211423	4.966	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	12168	4.862	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	183026	5.154	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	159965	5.331	ug/L	100
69) Naphthalene	13.74	128	267970	5.776	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	151337	5.385	ug/L	99

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

