

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035348.D
 Acq On : 22 Oct 2019 03:06
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Oct 22 06:45:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 06:40:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	274176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71547	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	70004	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.60	63	145389	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.71	46	270424	56.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.11	84	154764	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	84756	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	283167	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.74	67	98391	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	255559	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.22	79	38011	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.68	63	216502	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92420	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	106712	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	123245	5.282 ug/L	99
3) Chloromethane	1.54	50	117131	5.060 ug/L	100
5) Vinyl chloride	1.62	62	129303	5.439 ug/L	99
6) Bromomethane	1.87	94	46507	3.313 ug/L	96
8) Chloroethane	1.95	64	80783	5.271 ug/L	97
9) Trichlorofluoromethane	2.16	101	167496	5.277 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	93463	5.111 ug/L	95
12) 1,1-Dichloroethene	2.61	96	90364	5.130 ug/L	91
13) Acetone	2.68	43	184046	55.073 ug/L	99
14) Carbon disulfide	2.82	76	285803	5.131 ug/L	99
15) Methyl Acetate	3.00	43	42235	5.072 ug/L	99
16) Methylene chloride	3.08	84	106874	5.044 ug/L	98
17) Methyl tert-butyl Ether	3.43	73	232798	4.911 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	97043	5.105 ug/L	90
19) 1,1-Dichloroethane	3.92	63	188723	5.490 ug/L	99
21) 2-Butanone	4.79	43	280971	51.584 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	110803	5.274 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	48171	5.326	ug/L	98
25) Chloroform	5.14	83	198423	5.261	ug/L	98
27) 1,2-Dichloroethane	5.84	62	124502	5.382	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	160952	5.086	ug/L	98
30) Cyclohexane	5.43	56	160054	4.722	ug/L	99
31) Carbon tetrachloride	5.57	117	141652	4.971	ug/L	99
33) Benzene	5.82	78	419407	5.276	ug/L	100
34) Trichloroethene	6.58	95	106199	4.969	ug/L	98
35) Methylcyclohexane	6.80	83	160115	4.483	ug/L	97
37) 1,2-Dichloropropane	6.83	63	106712	5.288	ug/L	100
38) Bromodichloromethane	7.15	83	137394	5.053	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	152657	4.519	ug/L	99
40) 4-Methyl-2-pentanone	7.85	43	691251	50.739	ug/L	99
42) Toluene	8.01	91	449047	5.117	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	125677	4.553	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	78981	5.271	ug/L	98
47) Tetrachloroethene	8.58	164	87842	4.933	ug/L	97
48) 2-Hexanone	8.74	43	487065	50.978	ug/L	99
49) Dibromochloromethane	8.84	129	94256	4.962	ug/L	99
50) 1,2-Dibromoethane	8.96	107	74998	5.007	ug/L	100
51) Chlorobenzene	9.48	112	280578	4.952	ug/L	100
52) Ethylbenzene	9.60	91	490449	4.915	ug/L	100
53) m,p-Xylene	9.73	106	183484	4.869	ug/L	99
54) o-Xylene	10.13	106	178024	4.841	ug/L	98
55) Styrene	10.14	104	299373	5.000	ug/L	99
56) Isopropylbenzene	10.51	105	470701	4.758	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	104278	5.408	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	71898	5.113	ug/L	98
61) Bromoform	10.32	173	55052	4.548	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	223185	5.005	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	221082	5.042	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	210466	5.024	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	14380	4.859	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	137925	4.991	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	94923	5.160	ug/L	99
69) Naphthalene	14.11	128	130424	5.165	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	96290	5.598	ug/L	97

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

