

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039101.D
 Acq On : 25 Jun 2020 07:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Jun 25 07:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	267573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82170	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	75283	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	168938	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.67	46	375816	52.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	5.10	84	184056	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	112269	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	335107	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.72	67	113273	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.92	98	278417	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	46526	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.65	63	296857	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110404	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	110061	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	113967	4.690 ug/L	97
3) Chloromethane	1.53	50	112923	4.317 ug/L	95
5) Vinyl chloride	1.62	62	121110	4.591 ug/L	100
6) Bromomethane	1.87	94	43611	3.071 ug/L	96
8) Chloroethane	1.95	64	76039	4.783 ug/L	98
9) Trichlorofluoromethane	2.16	101	159272	4.716 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	93373	4.750 ug/L	98
12) 1,1-Dichloroethene	2.61	96	86705	4.610 ug/L	95
13) Acetone	2.67	43	222044	45.563 ug/L	99
14) Carbon disulfide	2.82	76	279965	4.465 ug/L	100
15) Methyl Acetate	2.98	43	55970	4.837 ug/L	99
16) Methylene chloride	3.08	84	105025	4.526 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	253759	4.740 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	88697	4.408 ug/L	99
19) 1,1-Dichloroethane	3.91	63	187473	4.686 ug/L	99
21) 2-Butanone	4.75	43	368284	49.705 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	99799	4.596 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	46497	4.653	ug/L	88
25) Chloroform	5.12	83	190041	4.729	ug/L	96
27) 1,2-Dichloroethane	5.83	62	136218	4.756	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	159003	4.762	ug/L	99
30) Cyclohexane	5.42	56	148035	4.765	ug/L	99
31) Carbon tetrachloride	5.56	117	132039	4.748	ug/L	98
33) Benzene	5.81	78	402266	4.785	ug/L	100
34) Trichloroethene	6.57	95	97374	4.789	ug/L	98
35) Methylcyclohexane	6.79	83	141016	4.673	ug/L	97
37) 1,2-Dichloropropane	6.82	63	108898	4.781	ug/L	100
38) Bromodichloromethane	7.13	83	137802	4.853	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	147008	4.657	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	864418	50.849	ug/L	99
42) Toluene	7.99	91	407023	4.878	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	134860	4.565	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	81525	4.816	ug/L	98
47) Tetrachloroethene	8.57	164	66508	4.538	ug/L	98
48) 2-Hexanone	8.71	43	660933	53.034	ug/L	99
49) Dibromochloromethane	8.83	129	90978	4.942	ug/L	100
50) 1,2-Dibromoethane	8.94	107	77463	4.840	ug/L	99
51) Chlorobenzene	9.46	112	250893	4.776	ug/L	98
52) Ethylbenzene	9.59	91	413204	4.711	ug/L	99
53) m,p-Xylene	9.71	106	160305	4.970	ug/L	100
54) o-Xylene	10.11	106	149693	4.831	ug/L	96
55) Styrene	10.13	104	269108	4.946	ug/L	99
56) Isopropylbenzene	10.50	105	390677	4.812	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	108368	4.788	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	82542	4.807	ug/L	100
61) Bromoform	10.30	173	51500	4.720	ug/L	97
62) 1,3-Dichlorobenzene	11.75	146	187214	4.714	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	185898	4.544	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	179844	4.516	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	20139	4.584	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	128863	4.384	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	114865	4.290	ug/L	100
69) Naphthalene	14.11	128	233569	4.089	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	110923	4.292	ug/L	98

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

