

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061920\
 Data File : VU038991.D
 Acq On : 19 Jun 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Jun 20 05:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:37:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	282816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	277800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	147372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123705	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	92838	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	225604	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.67	46	380307	48.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.62%
24) Chloroform-d	5.10	84	213796	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	123143	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.76	84	420400	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	134032	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	454125	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	8.20	79	73689	5.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.80%
46) 2-Hexanone-d5	8.65	63	288750	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121768	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	147492	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	134757	4.658 ug/L	99
3) Chloromethane	1.53	50	135514	4.732 ug/L	100
5) Vinyl chloride	1.62	62	143083	4.789 ug/L	98
6) Bromomethane	1.88	94	60877	5.307 ug/L	97
8) Chloroethane	1.95	64	85423	5.025 ug/L	96
9) Trichlorofluoromethane	2.16	101	174620	4.489 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104425	4.565 ug/L	99
12) 1,1-Dichloroethene	2.61	96	101098	4.825 ug/L	98
13) Acetone	2.67	43	228122	47.078 ug/L	98
14) Carbon disulfide	2.82	76	340929	4.775 ug/L	99
15) Methyl Acetate	2.99	43	58679	4.875 ug/L	99
16) Methylene chloride	3.08	84	118683	4.605 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	283432	5.104 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	108009	4.880 ug/L	97
19) 1,1-Dichloroethane	3.91	63	208900	4.888 ug/L	99
21) 2-Butanone	4.75	43	395162	50.553 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	114188	4.866 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53929	5.036	ug/L	90
25) Chloroform	5.12	83	204966	4.864	ug/L	97
27) 1,2-Dichloroethane	5.83	62	145220	4.779	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	177070	4.938	ug/L	99
30) Cyclohexane	5.42	56	173711	4.901	ug/L	99
31) Carbon tetrachloride	5.56	117	144067	4.780	ug/L	98
33) Benzene	5.81	78	448400	4.950	ug/L	100
34) Trichloroethene	6.57	95	125368	5.537	ug/L	99
35) Methylcyclohexane	6.79	83	169793	4.864	ug/L	99
37) 1,2-Dichloropropane	6.82	63	118825	4.864	ug/L	99
38) Bromodichloromethane	7.13	83	148000	4.658	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	217427	5.631	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1204603	58.153	ug/L	98
42) Toluene	7.99	91	563908	5.570	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	199768	5.907	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	108762	5.636	ug/L	97
47) Tetrachloroethene	8.57	164	84230	4.890	ug/L	97
48) 2-Hexanone	8.71	43	699352	50.396	ug/L	97
49) Dibromochloromethane	8.83	129	100045	4.800	ug/L	95
50) 1,2-Dibromoethane	8.94	107	85361	4.767	ug/L	99
51) Chlorobenzene	9.47	112	287566	4.875	ug/L	99
52) Ethylbenzene	9.59	91	488606	4.813	ug/L	100
53) m,p-Xylene	9.71	106	187167	4.901	ug/L	100
54) o-Xylene	10.11	106	180486	4.870	ug/L	96
55) Styrene	10.13	104	324015	5.093	ug/L	99
56) Isopropylbenzene	10.50	105	478043	4.978	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	120612	5.091	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	88760	5.047	ug/L	98
61) Bromoform	10.31	173	56176	4.669	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	235168	4.892	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	242897	4.916	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	224946	4.878	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	19707	4.577	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	194435	5.285	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	181667	5.566	ug/L	98
69) Naphthalene	14.11	128	347918	5.808	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	178904	5.740	ug/L	98

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

