

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022020\
 Data File : VU036871.D
 Acq On : 20 Feb 2020 16:19
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Feb 21 00:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 21 00:49:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	134696	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48109	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	45272	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	86939	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.68	46	129015	53.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.22%
24) Chloroform-d	5.11	84	88959	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	48519	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.76	84	185683	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	59294	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	167461	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.21	79	21610	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.66	63	108667	50.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	45752	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	53121	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41576	4.674 ug/L	99
3) Chloromethane	1.53	50	47017	5.078 ug/L	98
5) Vinyl chloride	1.62	62	49697	4.595 ug/L	100
6) Bromomethane	1.87	94	24414	3.757 ug/L	97
8) Chloroethane	1.95	64	33474	4.431 ug/L	100
9) Trichlorofluoromethane	2.16	101	64378	4.525 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42625	4.691 ug/L	99
12) 1,1-Dichloroethene	2.60	96	38341	4.680 ug/L	97
13) Acetone	2.67	43	117591	37.856 ug/L	99
14) Carbon disulfide	2.82	76	85962	4.348 ug/L	100
15) Methyl Acetate	2.99	43	20300	4.925 ug/L	100
16) Methylene chloride	3.08	84	52003	3.765 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	118342	4.877 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	39918	4.721 ug/L	97
19) 1,1-Dichloroethane	3.91	63	88138	4.971 ug/L	98
21) 2-Butanone	4.76	43	162474	44.965 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	50274	4.914 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	19294	4.743	ug/L	95
25) Chloroform	5.13	83	88726	4.686	ug/L	100
27) 1,2-Dichloroethane	5.83	62	57657	4.777	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	66502	4.808	ug/L	99
30) Cyclohexane	5.42	56	72739	4.951	ug/L	96
31) Carbon tetrachloride	5.56	117	49438	4.431	ug/L	97
33) Benzene	5.81	78	191693	4.935	ug/L	100
34) Trichloroethene	6.57	95	47111	4.762	ug/L	98
35) Methylcyclohexane	6.79	83	75650	4.819	ug/L	98
37) 1,2-Dichloropropane	6.83	63	52910	4.989	ug/L	100
38) Bromodichloromethane	7.14	83	60237	4.759	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	74888	4.880	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	345317	50.456	ug/L	99
42) Toluene	8.00	91	205121	4.917	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	58159	4.849	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	35906	4.866	ug/L	97
47) Tetrachloroethene	8.58	164	31035	4.612	ug/L	99
48) 2-Hexanone	8.71	43	271528	46.361	ug/L	100
49) Dibromochloromethane	8.83	129	36604	4.797	ug/L	97
50) 1,2-Dibromoethane	8.95	107	32235	4.837	ug/L	99
51) Chlorobenzene	9.47	112	124634	4.829	ug/L	99
52) Ethylbenzene	9.59	91	225953	4.850	ug/L	99
53) m,p-Xylene	9.72	106	82946	4.837	ug/L	96
54) o-Xylene	10.12	106	83104	4.935	ug/L	95
55) Styrene	10.13	104	137307	4.837	ug/L	98
56) Isopropylbenzene	10.50	105	222808	4.944	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46255	4.789	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	34033	4.860	ug/L	98
61) Bromoform	10.31	173	18062	4.660	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	92882	4.792	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	91986	4.787	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	90535	4.845	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	6639	4.761	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	65734	4.817	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	50626	4.920	ug/L	99
69) Naphthalene	14.12	128	125612	6.738	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	47579	5.152	ug/L	98

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

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