

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
 Data File : VU040110.D
 Acq On : 14 Sep 2020 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Sep 14 11:42:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 14 11:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57718	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33696	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.92	69	27804	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	84232	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.66	46	116132	44.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.88%
24) Chloroform-d	5.08	84	68631	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	42241	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	125695	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	40215	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.90	98	113734	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.18	79	17483	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	86647	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36116	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	41763	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	59619	5.076 ug/L	100
3) Chloromethane	1.52	50	50134	4.459 ug/L	99
5) Vinyl chloride	1.61	62	54343	4.767 ug/L	97
6) Bromomethane	1.86	94	24909	4.275 ug/L	100
8) Chloroethane	1.94	64	32964	4.812 ug/L	98
9) Trichlorofluoromethane	2.15	101	84213	5.157 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55277	5.222 ug/L	99
12) 1,1-Dichloroethene	2.59	96	47945	5.235 ug/L	98
13) Acetone	2.68	43	120742	50.469 ug/L	96
14) Carbon disulfide	2.81	76	140890	4.798 ug/L	98
15) Methyl Acetate	2.97	43	30597	5.096 ug/L	97
16) Methylene chloride	3.06	84	54185	4.518 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	137470	4.980 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	49907	5.066 ug/L	96
19) 1,1-Dichloroethane	3.89	63	99634	4.913 ug/L	99
21) 2-Butanone	4.74	43	201994	51.715 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	54260	5.122 ug/L	98

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24510	5.281	ug/L	93
25) Chloroform	5.10	83	109017	5.250	ug/L	98
27) 1,2-Dichloroethane	5.81	62	76242	5.011	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	91426	4.980	ug/L	98
30) Cyclohexane	5.40	56	83163	4.671	ug/L	99
31) Carbon tetrachloride	5.54	117	77678	4.944	ug/L	99
33) Benzene	5.79	78	213270	5.099	ug/L	100
34) Trichloroethene	6.55	95	56012	4.992	ug/L	96
35) Methylcyclohexane	6.77	83	83329	4.850	ug/L	98
37) 1,2-Dichloropropane	6.80	63	57167	5.047	ug/L	100
38) Bromodichloromethane	7.12	83	75996	4.915	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	81103	4.856	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	454563	48.916	ug/L	98
42) Toluene	7.97	91	221324	5.138	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	76447	4.939	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	42293	5.126	ug/L	96
47) Tetrachloroethene	8.56	164	37771	5.125	ug/L	96
48) 2-Hexanone	8.69	43	344283	50.791	ug/L	99
49) Dibromochloromethane	8.81	129	48891	4.937	ug/L	97
50) 1,2-Dibromoethane	8.93	107	39911	5.017	ug/L	95
51) Chlorobenzene	9.45	112	142220	5.318	ug/L	97
52) Ethylbenzene	9.57	91	245967	5.026	ug/L	99
53) m,p-Xylene	9.69	106	91288	5.239	ug/L	98
54) o-Xylene	10.10	106	88898	5.354	ug/L	95
55) Styrene	10.11	104	156765	5.429	ug/L	97
56) Isopropylbenzene	10.48	105	242792	5.361	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	54202	5.123	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	42360	5.048	ug/L	98
61) Bromoform	10.29	173	25100	4.741	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	113219	5.367	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	114415	5.360	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	108981	5.339	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9921	4.544	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	78514	5.293	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	66154	5.178	ug/L	98
69) Naphthalene	14.08	128	118208	4.439	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	59316	5.054	ug/L	97

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

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ALS Vial  : 2    Sample Multiplier: 1
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