

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041910.D
 Acq On : 08 Jan 2021 17:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Jan 09 01:35:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145823	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43914	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	45697	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	93493	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.66	46	170485	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.08	84	106784	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.72	65	57985	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	195126	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	59240	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	169447	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.18	79	23302	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	140363	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55650	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	69265	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	60153	4.869 ug/L	99
3) Chloromethane	1.52	50	60419	5.034 ug/L	98
5) Vinyl chloride	1.61	62	70645	5.330 ug/L	96
6) Bromomethane	1.86	94	47496	5.732 ug/L	97
8) Chloroethane	1.94	64	43521	4.835 ug/L	96
9) Trichlorofluoromethane	2.15	101	99623	5.939 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54632	5.446 ug/L	95
12) 1,1-Dichloroethene	2.59	96	56135	5.675 ug/L	88
13) Acetone	2.67	43	96141	46.155 ug/L	95
14) Carbon disulfide	2.81	76	170620	4.991 ug/L	100
15) Methyl Acetate	2.97	43	24950	4.607 ug/L	93
16) Methylene chloride	3.06	84	72373	6.126 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	131096	4.967 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	55476	5.422 ug/L	92
19) 1,1-Dichloroethane	3.89	63	99628	5.210 ug/L	99
21) 2-Butanone	4.74	43	151363	44.612 ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	58222	5.148 ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	29387	5.657	ug/L	91
25) Chloroform	5.11	83	103325	5.365	ug/L	98
27) 1,2-Dichloroethane	5.81	62	65771	5.043	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	88288	5.607	ug/L	98
30) Cyclohexane	5.40	56	78698	4.459	ug/L	89
31) Carbon tetrachloride	5.54	117	77722	5.709	ug/L	99
33) Benzene	5.79	78	218784	4.989	ug/L	100
34) Trichloroethene	6.55	95	56230	5.103	ug/L	96
35) Methylcyclohexane	6.77	83	77680	4.361	ug/L	97
37) 1,2-Dichloropropane	6.80	63	52381	4.670	ug/L	100
38) Bromodichloromethane	7.11	83	68648	4.920	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	67993	4.091	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	304695	38.178	ug/L #	94
42) Toluene	7.98	91	220583	4.873	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	65461	4.405	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	41903	5.052	ug/L	98
47) Tetrachloroethene	8.56	164	43029	5.578	ug/L	95
48) 2-Hexanone	8.69	43	229056	39.436	ug/L #	94
49) Dibromochloromethane	8.81	129	51887	5.446	ug/L	99
50) 1,2-Dibromoethane	8.93	107	39632	4.830	ug/L	97
51) Chlorobenzene	9.45	112	141685	5.035	ug/L	94
52) Ethylbenzene	9.57	91	218571	4.534	ug/L	98
53) m,p-Xylene	9.69	106	88502	4.923	ug/L	98
54) o-Xylene	10.10	106	86694	4.923	ug/L	93
55) Styrene	10.11	104	148266	4.874	ug/L	97
56) Isopropylbenzene	10.48	105	221644	4.729	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	52885	4.582	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	38194	4.534	ug/L	98
61) Bromoform	10.29	173	31776	5.642	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	110293	4.841	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	113254	4.944	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	111961	5.018	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	8909	4.258	ug/L #	64
67) 1,3,5-Trichlorobenzene	13.21	180	77300	4.469	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	60917	4.197	ug/L	98
69) Naphthalene	14.07	128	107646	3.583	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	62298	4.503	ug/L	98

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

