

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041890.D
 Acq On : 07 Jan 2021 22:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Jan 08 05:02:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44868	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.92	69	48579	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	98576	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.65	46	175490	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	5.08	84	112615	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.72	65	58992	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	209622	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	64339	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.90	98	183176	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.18	79	26879	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	144212	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58150	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	67251	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	63451	4.914 ug/L	100
3) Chloromethane	1.52	50	61862	4.931 ug/L	97
5) Vinyl chloride	1.61	62	73462	5.303 ug/L	98
6) Bromomethane	1.86	94	48359	5.584 ug/L	98
8) Chloroethane	1.94	64	47309	5.028 ug/L	95
9) Trichlorofluoromethane	2.15	101	101157	5.770 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	57925	5.524 ug/L	95
12) 1,1-Dichloroethene	2.59	96	54504	5.272 ug/L	92
13) Acetone	2.66	43	98684	45.327 ug/L	98
14) Carbon disulfide	2.81	76	179567	5.025 ug/L	100
15) Methyl Acetate	2.97	43	25213	4.454 ug/L	95
16) Methylene chloride	3.06	84	68849	5.575 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	129274	4.686 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	53593	5.011 ug/L	95
19) 1,1-Dichloroethane	3.89	63	99749	4.990 ug/L	97
21) 2-Butanone	4.73	43	155519	43.855 ug/L	92
22) cis-1,2-Dichloroethene	4.68	96	61867	5.234 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	30452	5.609	ug/L	88
25) Chloroform	5.11	83	107035	5.318	ug/L	99
27) 1,2-Dichloroethane	5.81	62	65717	4.821	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	90387	5.640	ug/L	97
30) Cyclohexane	5.40	56	81159	4.519	ug/L	90
31) Carbon tetrachloride	5.54	117	80820	5.833	ug/L	99
33) Benzene	5.79	78	234453	5.254	ug/L	100
34) Trichloroethene	6.55	95	59375	5.295	ug/L	92
35) Methylcyclohexane	6.77	83	85308	4.706	ug/L	96
37) 1,2-Dichloropropane	6.80	63	56070	4.912	ug/L	99
38) Bromodichloromethane	7.11	83	74586	5.252	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	73484	4.345	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	330607	40.702	ug/L #	95
42) Toluene	7.97	91	233148	5.060	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	72291	4.779	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	45494	5.389	ug/L	97
47) Tetrachloroethene	8.56	164	46399	5.910	ug/L	96
48) 2-Hexanone	8.69	43	232441	39.321	ug/L #	94
49) Dibromochloromethane	8.81	129	52413	5.405	ug/L	95
50) 1,2-Dibromoethane	8.92	107	39649	4.748	ug/L	100
51) Chlorobenzene	9.45	112	144591	5.049	ug/L	94
52) Ethylbenzene	9.57	91	226683	4.620	ug/L	95
53) m,p-Xylene	9.69	106	89500	4.891	ug/L	96
54) o-Xylene	10.10	106	88216	4.922	ug/L	95
55) Styrene	10.11	104	151697	4.900	ug/L	99
56) Isopropylbenzene	10.48	105	230952	4.841	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	53709	4.572	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	39666	4.627	ug/L	99
61) Bromoform	10.29	173	31377	5.593	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	113346	4.994	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	113750	4.985	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	113684	5.115	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9525	4.570	ug/L	83
67) 1,3,5-Trichlorobenzene	13.21	180	81846	4.751	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	63296	4.378	ug/L	97
69) Naphthalene	14.07	128	105566	3.527	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	62429	4.530	ug/L	98

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

