

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041770.D
 Acq On : 23 Dec 2020 09:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Dec 24 01:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 12:40:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43225	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.92	69	42986	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	95721	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.66	46	147968	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	5.08	84	86945	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	47648	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.74	84	165051	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	52790	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.90	98	149363	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.18	79	22458	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	136160	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51886	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	57168	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	57878	4.895	ug/L 98
3) Chloromethane	1.53	50	55080	4.794	ug/L 95
5) Vinyl chloride	1.61	62	65255	5.144	ug/L 100
6) Bromomethane	1.86	94	46178	5.822	ug/L 98
8) Chloroethane	1.94	64	44867	5.207	ug/L 94
9) Trichlorofluoromethane	2.15	101	96509	6.011	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56587	5.893	ug/L 99
12) 1,1-Dichloroethene	2.59	96	54816	5.789	ug/L 90
13) Acetone	2.68	43	111395	55.869	ug/L 91
14) Carbon disulfide	2.80	76	167445	5.117	ug/L 100
15) Methyl Acetate	2.97	43	25846	4.986	ug/L 96
16) Methylene chloride	3.06	84	60743	5.371	ug/L 90
17) Methyl tert-butyl Ether	3.38	73	131961	5.223	ug/L 97
18) trans-1,2-Dichloroethene	3.37	96	52510	5.361	ug/L 91
19) 1,1-Dichloroethane	3.89	63	88878	4.855	ug/L 99
21) 2-Butanone	4.74	43	151285	46.582	ug/L 94
22) cis-1,2-Dichloroethene	4.68	96	52402	4.841	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26537	5.337	ug/L	90
25) Chloroform	5.10	83	96238	5.221	ug/L	97
27) 1,2-Dichloroethane	5.81	62	63109	5.055	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	82393	5.378	ug/L	97
30) Cyclohexane	5.40	56	73742	4.294	ug/L	91
31) Carbon tetrachloride	5.54	117	72883	5.501	ug/L	100
33) Benzene	5.78	78	206058	4.829	ug/L	100
34) Trichloroethene	6.55	95	54759	5.107	ug/L	98
35) Methylcyclohexane	6.77	83	81686	4.713	ug/L	98
37) 1,2-Dichloropropane	6.80	63	53185	4.873	ug/L	99
38) Bromodichloromethane	7.11	83	69055	5.086	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	78626	4.862	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	351490	45.259	ug/L	95
42) Toluene	7.97	91	225071	5.109	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	71508	4.944	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	43962	5.447	ug/L	98
47) Tetrachloroethene	8.56	164	41456	5.523	ug/L	97
48) 2-Hexanone	8.69	43	271163	47.976	ug/L	98
49) Dibromochloromethane	8.81	129	51648	5.571	ug/L	99
50) 1,2-Dibromoethane	8.92	107	42192	5.285	ug/L	96
51) Chlorobenzene	9.45	112	142962	5.221	ug/L	96
52) Ethylbenzene	9.57	91	227828	4.857	ug/L	97
53) m,p-Xylene	9.69	106	91979	5.257	ug/L	97
54) o-Xylene	10.10	106	88053	5.139	ug/L	96
55) Styrene	10.11	104	150598	5.088	ug/L	98
56) Isopropylbenzene	10.48	105	232625	5.100	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	56096	4.995	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	41908	5.113	ug/L	98
61) Bromoform	10.29	173	31138	5.847	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	112176	5.207	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	111126	5.130	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	111290	5.275	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	9799	4.953	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	82015	5.015	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	64493	4.699	ug/L	99
69) Naphthalene	14.07	128	115685	4.072	ug/L	98
70) 1,2,3-Trichlorobenzene	14.31	180	62658	4.790	ug/L	99

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

