

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041937.D
 Acq On : 11 Jan 2021 21:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Jan 12 03:30:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49357	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	46156	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	97445	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.66	46	161259	53.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	5.08	84	99222	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	52282	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	182123	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.70	67	57088	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.90	98	156536	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.18	79	23342	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.64	63	134742	59.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51679	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	57691	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	61562	4.985	ug/L	97
3) Chloromethane	1.52	50	65558	4.879	ug/L	94
5) Vinyl chloride	1.61	62	71421	4.897	ug/L	97
6) Bromomethane	1.86	94	42730	4.845	ug/L	97
8) Chloroethane	1.94	64	43206	4.850	ug/L	94
9) Trichlorofluoromethane	2.15	101	93569	4.972	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52160	5.094	ug/L	98
12) 1,1-Dichloroethene	2.59	96	51125	5.129	ug/L	82
13) Acetone	2.67	43	101060	52.035	ug/L #	53
14) Carbon disulfide	2.80	76	160275	5.153	ug/L	99
15) Methyl Acetate	2.97	43	25630	5.808	ug/L	99
16) Methylene chloride	3.06	84	73851	5.895	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	124393	5.204	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	46903	4.847	ug/L	97
19) 1,1-Dichloroethane	3.89	63	88752	4.887	ug/L	99
21) 2-Butanone	4.74	43	161753	53.672	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	50788	4.915	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24878	5.159	ug/L	85
25) Chloroform	5.11	83	100355	5.301	ug/L	100
27) 1,2-Dichloroethane	5.81	62	63640	5.245	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	79982	5.289	ug/L	99
30) Cyclohexane	5.40	56	77467	5.467	ug/L	98
31) Carbon tetrachloride	5.54	117	71244	5.451	ug/L	97
33) Benzene	5.79	78	204021	5.462	ug/L	100
34) Trichloroethene	6.55	95	52824	5.388	ug/L	99
35) Methylcyclohexane	6.77	83	78280	5.432	ug/L	97
37) 1,2-Dichloropropane	6.80	63	50370	5.408	ug/L	100
38) Bromodichloromethane	7.11	83	65622	5.265	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	71387	5.191	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	346961	58.676	ug/L	99
42) Toluene	7.97	91	208626	5.406	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	66739	5.486	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	39205	5.490	ug/L	98
47) Tetrachloroethene	8.56	164	36726	5.383	ug/L	99
48) 2-Hexanone	8.69	43	259301	59.488	ug/L	98
49) Dibromochloromethane	8.81	129	46463	5.346	ug/L	99
50) 1,2-Dibromoethane	8.93	107	37949	5.637	ug/L	97
51) Chlorobenzene	9.45	112	129647	5.337	ug/L	99
52) Ethylbenzene	9.57	91	216245	5.320	ug/L	100
53) m,p-Xylene	9.69	106	81727	5.431	ug/L	99
54) o-Xylene	10.10	106	79244	5.449	ug/L	93
55) Styrene	10.11	104	140273	5.549	ug/L	98
56) Isopropylbenzene	10.48	105	209703	5.370	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	51985	5.571	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	37986	5.584	ug/L	99
61) Bromoform	10.29	173	27461	5.321	ug/L	94
62) 1,3-Dichlorobenzene	11.74	146	99619	5.153	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	97363	5.018	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	97733	5.252	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9299	5.503	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	70542	4.998	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	54451	5.119	ug/L	99
69) Naphthalene	14.07	128	99673	5.525	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	53781	5.348	ug/L	100

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

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