

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041290.D
 Acq On : 17 Nov 2020 20:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Nov 17 22:37:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23238	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.92	69	20779	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	50480	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.66	46	105888	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	5.08	84	54918	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	34272	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	96510	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	33676	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.90	98	90152	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.18	79	13375	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	79463	52.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31151	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	33653	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	27042	4.633	ug/L	98
3) Chloromethane	1.52	50	28174	4.482	ug/L	100
5) Vinyl chloride	1.61	62	28727	4.680	ug/L	96
6) Bromomethane	1.86	94	12814	3.519	ug/L	100
8) Chloroethane	1.94	64	18247	4.478	ug/L	98
9) Trichlorofluoromethane	2.15	101	44065	4.609	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23576	4.526	ug/L	96
12) 1,1-Dichloroethene	2.59	96	22184	4.819	ug/L	93
13) Acetone	2.67	43	59687	41.953	ug/L	99
14) Carbon disulfide	2.80	76	59682	4.406	ug/L	98
15) Methyl Acetate	2.97	43	15486	5.240	ug/L	95
16) Methylene chloride	3.06	84	30624	5.306	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	67108	5.325	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22170	4.945	ug/L	98
19) 1,1-Dichloroethane	3.89	63	50587	5.047	ug/L	98
21) 2-Butanone	4.74	43	102153	47.293	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	25829	5.101	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13212	5.263	ug/L	85
25) Chloroform	5.11	83	53126	4.888	ug/L	99
27) 1,2-Dichloroethane	5.81	62	38914	4.980	ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	44390	5.120	ug/L	96
30) Cyclohexane	5.40	56	36165	5.048	ug/L	99
31) Carbon tetrachloride	5.54	117	37858	5.035	ug/L	99
33) Benzene	5.79	78	101682	5.289	ug/L	100
34) Trichloroethene	6.55	95	26731	5.145	ug/L	94
35) Methylcyclohexane	6.77	83	32448	4.701	ug/L	98
37) 1,2-Dichloropropane	6.80	63	29394	5.231	ug/L	99
38) Bromodichloromethane	7.12	83	38549	5.249	ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	37545	4.791	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	242605	52.173	ug/L	100
42) Toluene	7.97	91	106309	5.175	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	34975	4.718	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	22046	5.073	ug/L	98
47) Tetrachloroethene	8.56	164	17956	4.677	ug/L	97
48) 2-Hexanone	8.69	43	176527	50.856	ug/L	99
49) Dibromochloromethane	8.81	129	26863	5.217	ug/L	99
50) 1,2-Dibromoethane	8.93	107	20736	5.144	ug/L	100
51) Chlorobenzene	9.45	112	68055	5.001	ug/L	97
52) Ethylbenzene	9.57	91	109149	4.975	ug/L	97
53) m,p-Xylene	9.69	106	40595	5.120	ug/L	100
54) o-Xylene	10.10	106	40983	5.366	ug/L	98
55) Styrene	10.11	104	70524	5.215	ug/L	97
56) Isopropylbenzene	10.48	105	107974	5.337	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	29065	5.117	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	22501	5.078	ug/L	99
61) Bromoform	10.29	173	15627	4.919	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	52792	5.056	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	52983	4.925	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	50771	4.889	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5140	5.332	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	33821	4.548	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	28599	4.630	ug/L	96
69) Naphthalene	14.08	128	50737	5.073	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	28520	4.972	ug/L	95

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

