

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040367.D
 Acq On : 29 Sep 2020 18:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Sep 30 01:53:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33388	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.92	69	30169	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	81872	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	4.65	46	178022	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	5.08	84	84082	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	50272	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	145564	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	52146	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	128726	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.19	79	20308	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	132752	54.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51890	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	57053	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	70469	5.119	ug/L	98
3) Chloromethane	1.53	50	65616	4.860	ug/L	98
5) Vinyl chloride	1.61	62	67037	5.052	ug/L	100
6) Bromomethane	1.86	94	31702	4.913	ug/L	97
8) Chloroethane	1.94	64	38200	4.857	ug/L	99
9) Trichlorofluoromethane	2.15	101	91576	5.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	57140	4.889	ug/L	98
12) 1,1-Dichloroethene	2.59	96	52163	4.990	ug/L	97
13) Acetone	2.65	43	135787	48.268	ug/L	98
14) Carbon disulfide	2.81	76	165717	5.015	ug/L	99
15) Methyl Acetate	2.97	43	33096	4.885	ug/L	100
16) Methylene chloride	3.06	84	65831	5.013	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	144256	5.008	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	55240	5.110	ug/L	96
19) 1,1-Dichloroethane	3.89	63	114650	5.167	ug/L	99
21) 2-Butanone	4.73	43	228251	50.549	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	60656	5.072	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	28378	5.183	ug/L	98
25) Chloroform	5.11	83	115592	5.107	ug/L	98
27) 1,2-Dichloroethane	5.81	62	82115	5.240	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	96560	5.128	ug/L	99
30) Cyclohexane	5.40	56	98492	5.056	ug/L	99
31) Carbon tetrachloride	5.54	117	82064	5.083	ug/L	99
33) Benzene	5.79	78	241243	5.220	ug/L	100
34) Trichloroethene	6.55	95	61591	5.020	ug/L	96
35) Methylcyclohexane	6.77	83	89768	4.989	ug/L	99
37) 1,2-Dichloropropane	6.80	63	64666	5.024	ug/L	100
38) Bromodichloromethane	7.11	83	83370	5.246	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	88092	5.104	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	535426	53.127	ug/L	99
42) Toluene	7.98	91	250424	5.285	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	82802	5.203	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	47072	5.218	ug/L	98
47) Tetrachloroethene	8.56	164	42907	4.926	ug/L	98
48) 2-Hexanone	8.69	43	394681	53.145	ug/L	99
49) Dibromochloromethane	8.81	129	54355	5.179	ug/L	98
50) 1,2-Dibromoethane	8.93	107	45096	5.211	ug/L	97
51) Chlorobenzene	9.45	112	156582	5.111	ug/L	98
52) Ethylbenzene	9.57	91	269718	5.245	ug/L	99
53) m,p-Xylene	9.69	106	102647	5.358	ug/L	99
54) o-Xylene	10.10	106	97560	5.413	ug/L	96
55) Styrene	10.11	104	172365	5.483	ug/L	100
56) Isopropylbenzene	10.48	105	262244	5.392	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	62764	5.133	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	47281	5.068	ug/L	98
61) Bromoform	10.29	173	31317	5.060	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	125649	5.067	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	129093	5.005	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	120490	4.998	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10451	4.810	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	85198	4.813	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	69181	4.864	ug/L	99
69) Naphthalene	14.08	128	120034	4.938	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	67858	5.214	ug/L	97

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

