

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041339.D
 Acq On : 19 Nov 2020 13:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Nov 20 03:39:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20237	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	19137	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	48692	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.66	46	102548	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.08	84	58953	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.72	65	36723	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.74	84	100847	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.70	67	33569	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.90	98	94673	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
43) trans-1,3-Dichloropropene-	8.19	79	15418	5.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.80%
46) 2-Hexanone-d5	8.64	63	75757	54.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30033	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35850	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	26180	4.740 ug/L	100
3) Chloromethane	1.52	50	23235	3.906 ug/L	98
5) Vinyl chloride	1.61	62	25526	4.394 ug/L	100
6) Bromomethane	1.86	94	15182	4.406 ug/L	95
8) Chloroethane	1.94	64	16368	4.245 ug/L	99
9) Trichlorofluoromethane	2.15	101	43875	4.849 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23845	4.838 ug/L	93
12) 1,1-Dichloroethene	2.59	96	20509	4.709 ug/L	99
13) Acetone	2.67	43	60717	45.101 ug/L #	60
14) Carbon disulfide	2.80	76	52687	4.110 ug/L	99
15) Methyl Acetate	2.97	43	11932	4.267 ug/L	99
16) Methylene chloride	3.06	84	31348	5.740 ug/L	91
17) Methyl tert-butyl Ether	3.38	73	60241	5.052 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21513	5.071 ug/L	97
19) 1,1-Dichloroethane	3.89	63	46678	4.922 ug/L	98
21) 2-Butanone	4.74	43	89735	43.903 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	23787	4.965 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	11798	4.966	ug/L	90
25) Chloroform	5.10	83	51024	4.961	ug/L	99
27) 1,2-Dichloroethane	5.81	62	36620	4.952	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	44209	5.527	ug/L	96
30) Cyclohexane	5.40	56	32589	4.931	ug/L	95
31) Carbon tetrachloride	5.54	117	38661	5.574	ug/L	99
33) Benzene	5.79	78	95828	5.403	ug/L	100
34) Trichloroethene	6.55	95	24880	5.191	ug/L	97
35) Methylcyclohexane	6.77	83	33670	5.288	ug/L	96
37) 1,2-Dichloropropane	6.80	63	27534	5.311	ug/L	99
38) Bromodichloromethane	7.11	83	38067	5.618	ug/L #	98
39) cis-1,3-Dichloropropene	7.61	75	38163	5.278	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	205953	48.007	ug/L	99
42) Toluene	7.97	91	103815	5.477	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	36528	5.341	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	20129	5.021	ug/L	95
47) Tetrachloroethene	8.56	164	18455	5.211	ug/L	100
48) 2-Hexanone	8.69	43	155389	48.522	ug/L	99
49) Dibromochloromethane	8.81	129	25250	5.315	ug/L	97
50) 1,2-Dibromoethane	8.93	107	18617	5.005	ug/L	98
51) Chlorobenzene	9.45	112	67039	5.340	ug/L	96
52) Ethylbenzene	9.57	91	109389	5.404	ug/L	100
53) m,p-Xylene	9.69	106	41169	5.628	ug/L	95
54) o-Xylene	10.10	106	38915	5.523	ug/L	91
55) Styrene	10.11	104	69058	5.535	ug/L	99
56) Isopropylbenzene	10.48	105	111096	5.952	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	26235	5.006	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	20900	5.112	ug/L	95
61) Bromoform	10.29	173	14928	4.857	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	53434	5.291	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	52586	5.053	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	51621	5.139	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4678	5.016	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	37163	5.167	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	28871	4.832	ug/L	97
69) Naphthalene	14.08	128	45826	4.737	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	27880	5.025	ug/L	96

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

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