

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039895.D
 Acq On : 17 Aug 2020 18:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Aug 18 04:27:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	81126	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17077	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	19788	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.58	63	39892	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.65	46	101627	52.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.50%
24) Chloroform-d	5.08	84	49420	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	29047	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.75	84	84206	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.70	67	29569	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	72535	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	11611	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	74481	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29864	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34288	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	29794	4.554	ug/L	97
3) Chloromethane	1.53	50	35506	5.161	ug/L	93
5) Vinyl chloride	1.61	62	34290	5.199	ug/L	96
6) Bromomethane	1.86	94	19490	4.669	ug/L	99
8) Chloroethane	1.94	64	21623	4.470	ug/L	96
9) Trichlorofluoromethane	2.15	101	49966	4.871	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27457	4.933	ug/L	97
12) 1,1-Dichloroethene	2.59	96	24537	5.070	ug/L	89
13) Acetone	2.65	43	53423	47.032	ug/L	99
14) Carbon disulfide	2.81	76	85708	5.664	ug/L	98
15) Methyl Acetate	2.97	43	14517	5.182	ug/L	98
16) Methylene chloride	3.06	84	30543	3.915	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	67770	5.274	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	27178	5.044	ug/L	97
19) 1,1-Dichloroethane	3.89	63	50900	5.117	ug/L	96
21) 2-Butanone	4.73	43	94464	52.772	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	29285	4.997	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	13589	4.937	ug/L	92
25) Chloroform	5.11	83	52470	4.907	ug/L	96
27) 1,2-Dichloroethane	5.81	62	35821	4.861	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	44178	4.824	ug/L	98
30) Cyclohexane	5.41	56	45755	5.192	ug/L	97
31) Carbon tetrachloride	5.54	117	38829	4.621	ug/L	99
33) Benzene	5.79	78	114560	5.121	ug/L	100
34) Trichloroethene	6.56	95	28982	4.989	ug/L	96
35) Methylcyclohexane	6.77	83	45078	4.861	ug/L	93
37) 1,2-Dichloropropane	6.80	63	29962	5.043	ug/L	97
38) Bromodichloromethane	7.12	83	37892	4.874	ug/L	96
39) cis-1,3-Dichloropropene	7.62	75	41100	5.072	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	223070	50.241	ug/L	99
42) Toluene	7.98	91	119195	5.070	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	36371	4.982	ug/L	93
45) 1,1,2-Trichloroethane	8.40	97	21600	4.833	ug/L	94
47) Tetrachloroethene	8.56	164	21063	4.395	ug/L	94
48) 2-Hexanone	8.69	43	162864	50.797	ug/L	98
49) Dibromochloromethane	8.82	129	25064	4.570	ug/L	94
50) 1,2-Dibromoethane	8.93	107	21151	4.826	ug/L	98
51) Chlorobenzene	9.45	112	76552	4.846	ug/L	99
52) Ethylbenzene	9.57	91	125616	4.774	ug/L	97
53) m,p-Xylene	9.69	106	50052	4.996	ug/L	97
54) o-Xylene	10.10	106	47712	4.863	ug/L	99
55) Styrene	10.11	104	82478	4.992	ug/L	100
56) Isopropylbenzene	10.48	105	123644	4.716	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	28042	4.561	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20621	4.812	ug/L	99
61) Bromoform	10.29	173	12841	4.492	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	61348	4.954	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	61683	4.725	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	57643	4.724	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	4414	4.785	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	44171	4.706	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	37819	4.808	ug/L	100
69) Naphthalene	14.08	128	68034	4.838	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	35187	4.986	ug/L	98

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

