

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037415.D
 Acq On : 28 Mar 2020 13:06
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Mar 30 00:11:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	130039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	62942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42299	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	33937	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	85023	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.68	46	123717	47.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	5.10	84	84741	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.74	65	45475	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.76	84	162313	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.72	67	51928	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	150210	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	25210	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	101940	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42943	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	57567	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	49513	4.538	ug/L 96
3) Chloromethane	1.53	50	43459	4.493	ug/L 100
5) Vinyl chloride	1.62	62	47071	4.624	ug/L 98
6) Bromomethane	1.87	94	28776	5.016	ug/L 96
8) Chloroethane	1.95	64	26065	4.590	ug/L 97
9) Trichlorofluoromethane	2.16	101	62662	4.598	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38750	4.666	ug/L 99
12) 1,1-Dichloroethene	2.60	96	39284	4.593	ug/L 95
13) Acetone	2.69	43	69295	46.094	ug/L 97
14) Carbon disulfide	2.82	76	135557	4.633	ug/L 99
15) Methyl Acetate	2.99	43	18543	4.415	ug/L 99
16) Methylene chloride	3.08	84	43316	4.532	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	107836	4.633	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	40960	4.580	ug/L 93
19) 1,1-Dichloroethane	3.91	63	76628	4.584	ug/L 98
21) 2-Butanone	4.76	43	118785	46.478	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	45584	4.548	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	20259	4.576	ug/L	98
25) Chloroform	5.13	83	80356	4.570	ug/L	99
27) 1,2-Dichloroethane	5.83	62	54713	4.658	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	73110	4.664	ug/L	98
30) Cyclohexane	5.42	56	72692	4.526	ug/L	98
31) Carbon tetrachloride	5.56	117	63019	4.657	ug/L	99
33) Benzene	5.81	78	171717	4.650	ug/L	100
34) Trichloroethene	6.57	95	47851	4.549	ug/L	96
35) Methylcyclohexane	6.79	83	75780	4.552	ug/L	98
37) 1,2-Dichloropropane	6.82	63	45088	4.723	ug/L	99
38) Bromodichloromethane	7.14	83	59693	4.572	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	72509	4.658	ug/L	93
40) 4-Methyl-2-pentanone	7.82	43	296306	46.620	ug/L	100
42) Toluene	8.00	91	186550	4.687	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	65443	4.702	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	32576	4.563	ug/L	96
47) Tetrachloroethene	8.58	164	34540	4.767	ug/L	97
48) 2-Hexanone	8.71	43	216281	47.210	ug/L	98
49) Dibromochloromethane	8.84	129	40870	4.638	ug/L	95
50) 1,2-Dibromoethane	8.95	107	32463	4.684	ug/L	99
51) Chlorobenzene	9.47	112	118492	4.310	ug/L	100
52) Ethylbenzene	9.59	91	212708	4.657	ug/L	99
53) m,p-Xylene	9.72	106	81732	4.736	ug/L	98
54) o-Xylene	10.12	106	77764	4.617	ug/L	100
55) Styrene	10.13	104	135354	4.703	ug/L	99
56) Isopropylbenzene	10.50	105	211476	4.713	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	41368	4.539	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	30345	4.570	ug/L	96
61) Bromoform	10.31	173	25389	4.853	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	96062	4.746	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	97366	4.505	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	89558	4.584	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	8550	4.973	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	76966	4.904	ug/L	98
68) 1,2,4-trichlorobenzene	13.88	180	72021	4.760	ug/L	99
69) Naphthalene	14.12	128	142518	4.852	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	64038	4.706	ug/L	98

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

