

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039281.D
 Acq On : 06 Jul 2020 10:33
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Jul 06 10:55:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 09:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139298	5.00	ug/L	-0.02
28) Chlorobenzene-d5	9.42	117	132098	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.81	152	63595	5.00	ug/L	-0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52433	5.28	ug/L	0.00
7) Chloroethane-d5	1.93	69	47719	5.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	96575	4.87	ug/L	-0.01
20) 2-Butanone-d5	4.65	46	192249	59.54	ug/L	-0.03
24) Chloroform-d	5.08	84	99062	4.83	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.72	65	59698	5.08	ug/L	-0.02
32) Benzene-d6	5.74	84	199543	6.42	ug/L	-0.02
36) 1,2-Dichloropropane-d6	6.71	67	64500	6.50	ug/L	-0.01
41) Toluene-d8	7.91	98	179852	6.28	ug/L	-0.02
43) trans-1,3-Dichloropropene-	8.19	79	29888	5.94	ug/L	-0.02
46) 2-Hexanone-d5	8.64	63	155073	61.30	ug/L	-0.01
57) 1,1,2,2-Tetrachloroethane-	10.76	84	59665	5.88	ug/L	-0.01
64) 1,2-Dichlorobenzene-d4	12.19	152	67371	6.06	ug/L	-0.02

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	38896	3.194 ug/L	98
3) Chloromethane	1.53	50	48771	3.664 ug/L	95
5) Vinyl chloride	1.61	62	49736	3.783 ug/L	92
6) Bromomethane	1.87	94	30966	3.845 ug/L	100
8) Chloroethane	1.94	64	34320	3.902 ug/L	94
9) Trichlorofluoromethane	2.15	101	81740	4.073 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38521	3.919 ug/L	97
12) 1,1-Dichloroethene	2.59	96	37775	4.161 ug/L	91
13) Acetone	2.66	43	90578	39.055 ug/L	98
14) Carbon disulfide	2.81	76	122791	4.187 ug/L	99
15) Methyl Acetate	2.97	43	24453	4.638 ug/L	93
16) Methylene chloride	3.06	84	45740	3.942 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	125547	4.225 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	41705	4.025 ug/L	94
19) 1,1-Dichloroethane	3.89	63	84735	4.049 ug/L	99
21) 2-Butanone	4.74	43	168131	45.613 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	47005	4.405 ug/L	96
23) Bromochloromethane	5.00	128	22606	4.357 ug/L	86
25) Chloroform	5.11	83	86425	3.988 ug/L	99
27) 1,2-Dichloroethane	5.81	62	61112	4.012 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	74335	4.506 ug/L	98
30) Cyclohexane	5.41	56	75139	5.095 ug/L	93
31) Carbon tetrachloride	5.54	117	62343	4.541 ug/L	100
33) Benzene	5.79	78	181805	4.855 ug/L	100
34) Trichloroethene	6.56	95	46773	4.828 ug/L	96
35) Methylcyclohexane	6.78	83	76346	5.322 ug/L	96
37) 1,2-Dichloropropane	6.81	63	51031	5.152 ug/L #	97
38) Bromodichloromethane	7.12	83	65781	4.891 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	77803	5.029 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	419296	51.893 ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.98	91	197867	4.707	ug/L	94
44) trans-1,3-Dichloropropene	8.22	75	71701	4.702	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	37857	4.572	ug/L	97
47) Tetrachloroethene	8.56	164	33036	4.574	ug/L	95
48) 2-Hexanone	8.69	43	305897	46.488	ug/L #	97
49) Dibromochloromethane	8.82	129	46241	4.977	ug/L	100
50) 1,2-Dibromoethane	8.93	107	37172	4.734	ug/L	97
51) Chlorobenzene	9.45	112	120792	4.520	ug/L	98
52) Ethylbenzene	9.57	91	220508	4.889	ug/L	98
53) m,p-Xylene	9.70	106	82213	4.982	ug/L	95
54) o-Xylene	10.10	106	80719	5.092	ug/L	96
55) Styrene	10.11	104	137344	4.915	ug/L	99
56) Isopropylbenzene	10.48	105	215066	5.101	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	51476	4.703	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	36646	4.476	ug/L	97
61) Bromoform	10.29	173	27792	5.332	ug/L #	98
62) 1,3-Dichlorobenzene	11.74	146	98342	4.914	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	96192	4.834	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	96504	4.826	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10029	4.980	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	75185	5.051	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	65068	5.178	ug/L	99
69) Naphthalene	14.08	128	124258	5.498	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	58080	4.969	ug/L	98

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

