

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040557.D
 Acq On : 08 Oct 2020 12:57
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Quant Time: Oct 09 01:19:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	5250	0.67	ug/L	0.00
7) Chloroethane-d5	1.92	69	4098	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	10570	0.60	ug/L	0.00
20) 2-Butanone-d5	4.66	46	16781	4.86	ug/L	0.00
24) Chloroform-d	5.08	84	9183	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	6086	0.59	ug/L	0.00
32) Benzene-d6	5.74	84	15906	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	5839	0.55	ug/L	0.00
41) Toluene-d8	7.90	98	13573	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2269	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	9979	3.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	5294	0.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	6519	0.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6056	0.448 ug/L	94
3) Chloromethane	1.53	50	5843	0.445 ug/L	98
5) Vinyl chloride	1.61	62	5923	0.453 ug/L	99
6) Bromomethane	1.87	94	3333	0.513 ug/L	94
8) Chloroethane	1.94	64	4125	0.529 ug/L	100
9) Trichlorofluoromethane	2.15	101	8807	0.483 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5759	0.494 ug/L	98
12) 1,1-Dichloroethene	2.59	96	4452	0.429 ug/L	87
13) Acetone	2.67	43	13932	4.879 ug/L	90
14) Carbon disulfide	2.81	76	12917	0.404 ug/L	96
15) Methyl Acetate	2.98	43	2947	0.435 ug/L	95
16) Methylene chloride	3.06	84	7276	0.556 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	12310	0.428 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	5087	0.477 ug/L	98
19) 1,1-Dichloroethane	3.89	63	9996	0.454 ug/L	99
21) 2-Butanone	4.74	43	18532	4.076 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	5019	0.426 ug/L	97
23) Bromochloromethane	4.99	128	2777	0.507 ug/L	92
25) Chloroform	5.11	83	10173	0.452 ug/L	99
27) 1,2-Dichloroethane	5.81	62	7527	0.482 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	8533	0.450 ug/L	97
30) Cyclohexane	5.40	56	7146	0.371 ug/L	96
31) Carbon tetrachloride	5.54	117	7170	0.440 ug/L	95
33) Benzene	5.79	78	20262	0.437 ug/L	100
34) Trichloroethene	6.55	95	5400	0.440 ug/L	91
35) Methylcyclohexane	6.77	83	6713	0.375 ug/L	99
37) 1,2-Dichloropropane	6.80	63	5732	0.439 ug/L	# 87
38) Bromodichloromethane	7.11	83	7153	0.446 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	6922	0.398 ug/L	84
40) 4-Methyl-2-pentanone	7.80	43	39961	3.930 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	19412	0.408	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	6464	0.400	ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	4405	0.481	ug/L	95
47) Tetrachloroethene	8.56	164	3367	0.383	ug/L	82
48) 2-Hexanone	8.69	43	29737	3.943	ug/L	99
49) Dibromochloromethane	8.81	129	4757	0.444	ug/L	90
50) 1,2-Dibromoethane	8.93	107	4260	0.490	ug/L #	89
51) Chlorobenzene	9.45	112	13708	0.446	ug/L	98
52) Ethylbenzene	9.57	91	19913	0.386	ug/L	97
53) m,p-Xylene	9.70	106	6642	0.346	ug/L	96
54) o-Xylene	10.10	106	6403	0.354	ug/L	90
55) Styrene	10.11	104	10543	0.335	ug/L	95
56) Isopropylbenzene	10.48	105	17316	0.355	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5653	0.459	ug/L #	92
59) 1,2,3-Trichloropropane	10.82	75	4198	0.448	ug/L	98
61) Bromoform	10.29	173	2799	0.496	ug/L #	90
62) 1,3-Dichlorobenzene	11.74	146	9948	0.448	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	10428	0.451	ug/L	92
65) 1,2-Dichlorobenzene	12.20	146	9793	0.453	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	690	0.352	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	6908	0.435	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	4306	0.340	ug/L	100
69) Naphthalene	14.07	128	4548	0.212	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.32	180	3986	0.341	ug/L	97

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

