

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039035.D
 Acq On : 23 Jun 2020 12:58
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Jun 24 00:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 00:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	260472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	118580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	10493	0.55	ug/L	0.00
7) Chloroethane-d5	1.93	69	9062	0.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	19521	0.53	ug/L	0.00
20) 2-Butanone-d5	4.67	46	35557	5.16	ug/L	0.00
24) Chloroform-d	5.10	84	19894	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.73	65	13272	0.57	ug/L	0.00
32) Benzene-d6	5.76	84	36746	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	13169	0.54	ug/L	0.00
41) Toluene-d8	7.92	98	29342	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5196	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	22937	4.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	11560	0.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	12432	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	12419	0.532 ug/L	95
3) Chloromethane	1.53	50	13857	0.551 ug/L	97
5) Vinyl chloride	1.62	62	13206	0.521 ug/L	97
6) Bromomethane	1.88	94	7756	0.568 ug/L	94
8) Chloroethane	1.95	64	8555	0.560 ug/L	99
9) Trichlorofluoromethane	2.16	101	17840	0.550 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9837	0.521 ug/L	96
12) 1,1-Dichloroethene	2.61	96	9745	0.539 ug/L	93
13) Acetone	2.67	43	30371	6.484 ug/L	99
14) Carbon disulfide	2.82	76	32281	0.536 ug/L	99
15) Methyl Acetate	2.99	43	6447	0.580 ug/L #	91
16) Methylene chloride	3.08	84	13136	0.589 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	25444	0.494 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	10314	0.533 ug/L	94
19) 1,1-Dichloroethane	3.91	63	20061	0.522 ug/L	98
21) 2-Butanone	4.75	43	34546	4.851 ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	11190	0.536 ug/L	90
23) Bromochloromethane	5.01	128	4785	0.498 ug/L	92
25) Chloroform	5.12	83	20055	0.519 ug/L	94
27) 1,2-Dichloroethane	5.83	62	14326	0.520 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	17774	0.547 ug/L	95
30) Cyclohexane	5.42	56	14179	0.469 ug/L	97
31) Carbon tetrachloride	5.56	117	14240	0.526 ug/L	95
33) Benzene	5.81	78	41882	0.512 ug/L	100
34) Trichloroethene	6.57	95	9821	0.496 ug/L	98
35) Methylcyclohexane	6.79	83	13299	0.453 ug/L	95
37) 1,2-Dichloropropane	6.82	63	11204	0.505 ug/L	99
38) Bromodichloromethane	7.13	83	14414	0.521 ug/L #	93
39) cis-1,3-Dichloropropene	7.63	75	14076	0.458 ug/L	91
40) 4-Methyl-2-pentanone	7.82	43	74541	4.504 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	38390	0.473	ug/L	95
44) trans-1,3-Dichloropropene	8.23	75	13735	0.478	ug/L	91
45) 1,1,2-Trichloroethane	8.42	97	8618	0.523	ug/L	89
47) Tetrachloroethene	8.57	164	7633	0.535	ug/L	95
48) 2-Hexanone	8.70	43	53781	4.433	ug/L	97
49) Dibromochloromethane	8.83	129	8798	0.491	ug/L	97
50) 1,2-Dibromoethane	8.94	107	7706	0.495	ug/L #	90
51) Chlorobenzene	9.46	112	25725	0.503	ug/L	97
52) Ethylbenzene	9.58	91	40215	0.471	ug/L	100
53) m,p-Xylene	9.71	106	14428	0.460	ug/L	89
54) o-Xylene	10.11	106	12839	0.426	ug/L	88
55) Styrene	10.13	104	22486	0.425	ug/L	90
56) Isopropylbenzene	10.50	105	34771	0.440	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.80	83	11269	0.511	ug/L	87
59) 1,2,3-Trichloropropane	10.84	75	8668	0.519	ug/L	96
61) Bromoform	10.30	173	5270	0.544	ug/L #	94
62) 1,3-Dichlorobenzene	11.75	146	18196	0.516	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	19265	0.530	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	19649	0.556	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.01	75	2131	0.546	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	13714	0.526	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	12870	0.541	ug/L	98
69) Naphthalene	14.11	128	24611	0.485	ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	11836	0.516	ug/L	97

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

