

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122818\
 Data File : VU028966.D
 Acq On : 27 Dec 2018 15:40
 Operator : MD/SY
 Sample : VSTD0.541
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.541

Quant Time: Dec 28 02:08:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 28 02:05:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	139862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	3841	0.51	ug/L	0.00
7) Chloroethane-d5	1.68	69	3183	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	7596	0.48	ug/L	0.00
20) 2-Butanone-d5	4.20	46	8687	4.44	ug/L	0.00
24) Chloroform-d	4.65	84	6781	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	3770	0.51	ug/L	0.00
32) Benzene-d6	5.34	84	15142	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	4584	0.47	ug/L	0.00
41) Toluene-d8	7.57	98	13915	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	1646	0.45	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	7139	4.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	3561	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	5293	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	5817	0.475 ug/L	98
3) Chloromethane	1.32	50	6939	0.508 ug/L	99
5) Vinyl chloride	1.40	62	6742	0.483 ug/L	100
6) Bromomethane	1.63	94	3372	0.522 ug/L	98
8) Chloroethane	1.70	64	3977	0.499 ug/L	99
9) Trichlorofluoromethane	1.89	101	7849	0.491 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4985	0.484 ug/L	98
12) 1,1-Dichloroethene	2.29	96	4899	0.489 ug/L	94
13) Acetone	2.32	43	8337	5.280 ug/L	97
14) Carbon disulfide	2.48	76	17974	0.513 ug/L	98
15) Methyl Acetate	2.62	43	2709	0.585 ug/L	93
16) Methylene chloride	2.70	84	9741	0.679 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	11658	0.474 ug/L #	95
18) trans-1,2-Dichloroethene	2.98	96	5458	0.496 ug/L	95
19) 1,1-Dichloroethane	3.44	63	8975	0.480 ug/L	98
21) 2-Butanone	4.28	43	10529	4.457 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	5631	0.495 ug/L	91
23) Bromochloromethane	4.55	128	2170	0.470 ug/L	88
25) Chloroform	4.67	83	8948	0.504 ug/L	99
27) 1,2-Dichloroethane	5.41	62	4990	0.475 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	6764	0.476 ug/L	96
30) Cyclohexane	4.99	56	8037	0.472 ug/L	99
31) Carbon tetrachloride	5.13	117	5343	0.472 ug/L	99
33) Benzene	5.39	78	20005	0.484 ug/L	100
34) Trichloroethene	6.18	95	4977	0.471 ug/L	96
35) Methylcyclohexane	6.41	83	8684	0.478 ug/L	97
37) 1,2-Dichloropropane	6.44	63	4932	0.468 ug/L #	89
38) Bromodichloromethane	6.76	83	5650	0.476 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	7126	0.472 ug/L	93
40) 4-Methyl-2-pentanone	7.47	43	25146	4.484 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	21440	0.484	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	5252	0.446	ug/L	90
45) 1,1,2-Trichloroethane	8.07	97	3424	0.477	ug/L	98
47) Tetrachloroethene	8.22	164	4393	0.502	ug/L	95
48) 2-Hexanone	8.37	43	16462	4.244	ug/L	99
49) Dibromochloromethane	8.48	129	3487	0.458	ug/L	89
50) 1,2-Dibromoethane	8.59	107	3082	0.459	ug/L #	99
51) Chlorobenzene	9.12	112	13228	0.476	ug/L	98
52) Ethylbenzene	9.25	91	22682	0.483	ug/L	91
53) m,p-xylene	9.38	106	8229	0.460	ug/L	94
54) o-xylene	9.78	106	7729	0.445	ug/L	97
55) Styrene	9.79	104	12834	0.444	ug/L	96
56) Isopropylbenzene	10.17	105	20949	0.458	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	4096	0.467	ug/L	93
59) 1,2,3-Trichloropropane	10.50	75	2759	0.449	ug/L	99
61) Bromoform	9.96	173	1946	0.470	ug/L #	92
62) 1,3-Dichlorobenzene	11.42	146	10213	0.498	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	10897	0.521	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	9783	0.504	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	541	0.472	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.89	180	7195	0.454	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	5673	0.429	ug/L	97
69) Naphthalene	13.75	128	9081	0.402	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	5717	0.453	ug/L	93

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

