

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029587.D
 Acq On : 21 Feb 2019 10:41
 Operator : JC/SP
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.546

Quant Time: Feb 22 02:41:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 02:38:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	290329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	9006	0.47	ug/L	0.00
7) Chloroethane-d5	1.68	69	8519	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	19343	0.47	ug/L	0.00
20) 2-Butanone-d5	4.20	46	18372	4.29	ug/L	0.00
24) Chloroform-d	4.65	84	14935	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	8308	0.46	ug/L	0.00
32) Benzene-d6	5.34	84	34300	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	9606	0.46	ug/L	0.00
41) Toluene-d8	7.57	98	31709	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3767	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	16821	4.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	8389	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13648	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	11034	0.487 ug/L	98
3) Chloromethane	1.33	50	10317	0.527 ug/L	97
5) Vinyl chloride	1.40	62	12249	0.495 ug/L #	73
6) Bromomethane	1.63	94	6524	0.476 ug/L	92
8) Chloroethane	1.70	64	8564	0.534 ug/L	95
9) Trichlorofluoromethane	1.89	101	18944	0.516 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11352	0.501 ug/L	97
12) 1,1-Dichloroethene	2.29	96	10760	0.500 ug/L	85
13) Acetone	2.32	43	15914	5.167 ug/L	99
14) Carbon disulfide	2.48	76	35846	0.507 ug/L #	94
15) Methyl Acetate	2.62	43	4997	0.556 ug/L	90
16) Methylene chloride	2.70	84	15927	0.625 ug/L	92
17) Methyl tert-butyl Ether	3.00	73	25668	0.498 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	12335	0.526 ug/L	94
19) 1,1-Dichloroethane	3.44	63	17403	0.477 ug/L	100
21) 2-Butanone	4.28	43	19839	4.643 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	10723	0.500 ug/L	98
23) Bromochloromethane	4.54	128	4523	0.467 ug/L #	90
25) Chloroform	4.67	83	18827	0.515 ug/L	98
27) 1,2-Dichloroethane	5.40	62	10452	0.484 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	14343	0.498 ug/L	96
30) Cyclohexane	4.99	56	14550	0.510 ug/L	97
31) Carbon tetrachloride	5.13	117	12197	0.487 ug/L	99
33) Benzene	5.39	78	37570	0.513 ug/L	100
34) Trichloroethene	6.18	95	10422	0.510 ug/L	95
35) Methylcyclohexane	6.41	83	16165	0.488 ug/L	97
37) 1,2-Dichloropropane	6.43	63	9516	0.516 ug/L	98
38) Bromodichloromethane	6.75	83	11359	0.493 ug/L	90
39) cis-1,3-Dichloropropene	7.27	75	12197	0.452 ug/L	95
40) 4-Methyl-2-pentanone	7.46	43	48714	4.698 ug/L	99

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

42) Toluene	7.64	91	40966	0.493	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	9531	0.440	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	7400	0.512	ug/L	93
47) Tetrachloroethene	8.23	164	9743	0.513	ug/L	94
48) 2-Hexanone	8.37	43	36238	4.779	ug/L	96
49) Dibromochloromethane	8.48	129	8292	0.474	ug/L	95
50) 1,2-Dibromoethane	8.59	107	6945	0.491	ug/L #	98
51) Chlorobenzene	9.12	112	28373	0.497	ug/L	100
52) Ethylbenzene	9.25	91	44361	0.477	ug/L	98
53) m,p-xylene	9.37	106	18196	0.489	ug/L	98
54) o-xylene	9.78	106	16775	0.468	ug/L	100
55) Styrene	9.79	104	27401	0.457	ug/L	99
56) Isopropylbenzene	10.16	105	44863	0.466	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	8711	0.489	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	5951	0.483	ug/L	98
61) Bromoform	9.96	173	4333	0.448	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	23284	0.503	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	24519	0.522	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	22980	0.514	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	1354	0.515	ug/L #	75
67) 1,3,5-Trichlorobenzene	12.89	180	19187	0.515	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	14334	0.455	ug/L	96
69) Naphthalene	13.75	128	19529	0.401	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	14619	0.495	ug/L	99

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

