

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029329.D
 Acq On : 01 Feb 2019 12:07
 Operator : JC/SP
 Sample : VSTD00545
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00545

Quant Time: Feb 01 23:06:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 01 23:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	64355	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	64288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34296	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25708	4.95	ug/L	0.00
7) Chloroethane-d5	1.68	69	24463	4.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	68484	4.92	ug/L	0.00
20) 2-Butanone-d5	4.20	46	83364	51.16	ug/L	0.00
24) Chloroform-d	4.65	84	60214	5.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	37544	5.08	ug/L	0.00
32) Benzene-d6	5.34	84	100372	5.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	31244	5.16	ug/L	0.00
41) Toluene-d8	7.56	98	96327	5.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	15397	5.40	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	65910	53.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27216	5.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	37544	5.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	40996	4.818 ug/L	100
3) Chloromethane	1.33	50	30767	4.849 ug/L	100
5) Vinyl chloride	1.40	62	33125	4.912 ug/L	100
6) Bromomethane	1.63	94	20748	4.647 ug/L	100
8) Chloroethane	1.70	64	22278	4.403 ug/L	100
9) Trichlorofluoromethane	1.89	101	60445	4.867 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	28661	4.884 ug/L	100
12) 1,1-Dichloroethene	2.29	96	24127	4.831 ug/L	100
13) Acetone	2.33	43	69315	46.100 ug/L	100
14) Carbon disulfide	2.48	76	89405	4.749 ug/L	100
15) Methyl Acetate	2.62	43	17195	4.855 ug/L	100
16) Methylene chloride	2.70	84	28047	4.657 ug/L	100
17) Methyl tert-butyl Ether	3.01	73	76175	4.787 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	26477	4.740 ug/L	100
19) 1,1-Dichloroethane	3.44	63	57944	4.814 ug/L	100
21) 2-Butanone	4.28	43	80926	49.165 ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	26497	4.904 ug/L	100
23) Bromochloromethane	4.55	128	11830	4.895 ug/L	100
25) Chloroform	4.67	83	54665	4.803 ug/L	100
27) 1,2-Dichloroethane	5.41	62	42267	4.882 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	51351	4.905 ug/L	100
30) Cyclohexane	4.99	56	40213	4.882 ug/L	100
31) Carbon tetrachloride	5.13	117	45083	4.907 ug/L	100
33) Benzene	5.39	78	102126	4.930 ug/L	100
34) Trichloroethene	6.18	95	27813	4.950 ug/L	100
35) Methylcyclohexane	6.41	83	40834	4.949 ug/L	100
37) 1,2-Dichloropropane	6.43	63	28004	4.995 ug/L	100
38) Bromodichloromethane	6.76	83	39959	4.931 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	41731	5.111 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	197134	50.862 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	112593	5.148	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	37660	5.096	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	19307	4.964	ug/L	100
47) Tetrachloroethene	8.22	164	22739	4.890	ug/L	100
48) 2-Hexanone	8.36	43	145275	50.027	ug/L	100
49) Dibromochloromethane	8.47	129	26177	5.025	ug/L	100
50) 1,2-Dibromoethane	8.59	107	18585	5.045	ug/L	100
51) Chlorobenzene	9.12	112	70542	4.969	ug/L	100
52) Ethylbenzene	9.25	91	120447	4.961	ug/L	100
53) m,p-xylene	9.37	106	46630	5.103	ug/L	100
54) o-xylene	9.78	106	43688	4.992	ug/L	100
55) Styrene	9.79	104	78568	5.224	ug/L	100
56) Isopropylbenzene	10.16	105	120894	5.077	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	24675	4.914	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	20210	5.059	ug/L	100
61) Bromoform	9.95	173	15344	4.868	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	56743	4.834	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	59412	4.850	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	56871	4.957	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	5246	5.251	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	47610	4.822	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	40180	4.764	ug/L	100
69) Naphthalene	13.74	128	64700	4.755	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	39365	4.765	ug/L	100

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

