

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091519\
 Data File : VU034551.D
 Acq On : 15 Sep 2019 08:49
 Operator : JC/SP
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Sep 16 02:07:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 02:04:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	203406	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	195644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66139	3.89	ug/L	0.00
7) Chloroethane-d5	1.67	69	50729	3.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	106231	3.31	ug/L	0.00
20) 2-Butanone-d5	4.17	46	215579	50.45	ug/L	0.00
24) Chloroform-d	4.62	84	129083	4.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	66612	4.19	ug/L	0.00
32) Benzene-d6	5.32	84	262995	4.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	89989	5.12	ug/L	0.00
41) Toluene-d8	7.54	98	245125	5.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	37780	5.59	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	176944	62.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	71533	4.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	83608	4.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	40792	1.949	ug/L 100
3) Chloromethane	1.32	50	65709	3.043	ug/L 100
5) Vinyl chloride	1.40	62	57032	2.563	ug/L 100
6) Bromomethane	1.62	94	31099	2.974	ug/L 100
8) Chloroethane	1.69	64	34645	2.477	ug/L 100
9) Trichlorofluoromethane	1.87	101	60746	2.420	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	30184	2.139	ug/L 100
12) 1,1-Dichloroethene	2.27	96	37927	2.692	ug/L 100
13) Acetone	2.32	43	126903	39.559	ug/L 100
14) Carbon disulfide	2.46	76	99039	2.042	ug/L 100
15) Methyl Acetate	2.60	43	29549	3.434	ug/L 100
16) Methylene chloride	2.68	84	53316	3.114	ug/L 100
17) Methyl tert-butyl Ether	2.99	73	154639	3.976	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	44276	2.876	ug/L 100
19) 1,1-Dichloroethane	3.42	63	119246	3.816	ug/L 100
21) 2-Butanone	4.26	43	220507	46.928	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	67003	4.016	ug/L 100
23) Bromochloromethane	4.53	128	27908	3.743	ug/L 100
25) Chloroform	4.65	83	121843	3.728	ug/L 100
27) 1,2-Dichloroethane	5.39	62	73381	3.819	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	87332	3.818	ug/L 100
30) Cyclohexane	4.96	56	60944	2.767	ug/L 100
31) Carbon tetrachloride	5.11	117	67687	3.401	ug/L 100
33) Benzene	5.36	78	251413	4.237	ug/L 100
34) Trichloroethene	6.16	95	61925	4.026	ug/L 100
35) Methylcyclohexane	6.39	83	57770	2.655	ug/L 100
37) 1,2-Dichloropropane	6.41	63	73544	4.447	ug/L 100
38) Bromodichloromethane	6.74	83	90562	4.460	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	115856	5.193	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	561943	54.311	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	267104	4.462	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	90943	5.026	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	50883	4.543	ug/L	100
47) Tetrachloroethene	8.21	164	37626	3.255	ug/L	100
48) 2-Hexanone	8.35	43	388685	54.164	ug/L	100
49) Dibromochloromethane	8.46	129	63476	4.761	ug/L	100
50) 1,2-Dibromoethane	8.57	107	47353	4.456	ug/L	100
51) Chlorobenzene	9.10	112	173745	4.389	ug/L	100
52) Ethylbenzene	9.23	91	300139	4.702	ug/L	100
53) m,p-Xylene	9.35	106	111562	4.702	ug/L	100
54) o-Xylene	9.76	106	112660	4.979	ug/L	100
55) Styrene	9.77	104	198166	5.098	ug/L	100
56) Isopropylbenzene	10.14	105	294101	4.906	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	71972	4.813	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	48658	4.593	ug/L	100
61) Bromoform	9.94	173	32720	4.665	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	135135	4.688	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	136263	4.568	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	132232	4.751	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	12515	5.518	ug/L	100
67) 1,3,5-Trichlorobenzene	12.86	180	94240	4.261	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	79557	4.745	ug/L	100
69) Naphthalene	13.72	128	170906	6.100	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	74733	4.642	ug/L	100

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

