

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034876.D
 Acq On : 30 Sep 2019 12:16
 Operator : JC/SP
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Quant Time: Sep 30 17:01:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 16:58:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	204327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	196151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	86294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	7049	0.44	ug/L	0.00
7) Chloroethane-d5	1.67	69	5629	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	12054	0.43	ug/L	0.00
20) 2-Butanone-d5	4.19	46	18262	4.51	ug/L	0.00
24) Chloroform-d	4.62	84	11981	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	7376	0.51	ug/L	0.00
32) Benzene-d6	5.32	84	23054	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	7846	0.45	ug/L	0.00
41) Toluene-d8	7.55	98	21397	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	2580	0.37	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	11713	3.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	6186	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	7547	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	6618	0.445 ug/L	100
3) Chloromethane	1.32	50	5690	0.419 ug/L	93
5) Vinyl chloride	1.40	62	5557	0.382 ug/L	98
6) Bromomethane	1.62	94	2837	0.393 ug/L	91
8) Chloroethane	1.69	64	3314	0.394 ug/L	86
9) Trichlorofluoromethane	1.88	101	7488	0.386 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4921	0.447 ug/L	96
12) 1,1-Dichloroethene	2.27	96	3751	0.393 ug/L	73
13) Acetone	2.32	43	17432	5.621 ug/L	94
14) Carbon disulfide	2.46	76	6378	0.275 ug/L #	89
15) Methyl Acetate	2.61	43	3318	0.455 ug/L #	82
16) Methylene chloride	2.69	84	7489	0.581 ug/L	93
17) Methyl tert-butyl Ether	2.99	73	16046	0.465 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	3949	0.397 ug/L	82
19) 1,1-Dichloroethane	3.42	63	11730	0.471 ug/L	92
21) 2-Butanone	4.27	43	22026	4.936 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	5471	0.404 ug/L	81
23) Bromochloromethane	4.53	128	2262	0.452 ug/L	91
25) Chloroform	4.65	83	14917	0.527 ug/L	100
27) 1,2-Dichloroethane	5.39	62	8115	0.499 ug/L	98
29) 1,1,1-Trichloroethane	4.88	97	9501	0.469 ug/L	97
30) Cyclohexane	4.96	56	7310	0.362 ug/L	95
31) Carbon tetrachloride	5.10	117	7141	0.436 ug/L	100
33) Benzene	5.37	78	19904	0.392 ug/L	100
34) Trichloroethene	6.16	95	5692	0.447 ug/L	98
35) Methylcyclohexane	6.39	83	6637	0.334 ug/L	90
37) 1,2-Dichloropropane	6.41	63	7323	0.459 ug/L #	92
38) Bromodichloromethane	6.74	83	8557	0.443 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	8493	0.384 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	58380	4.751 ug/L	99

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

42) Toluene	7.62	91	22203	0.403	ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	6923	0.383	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	4684	0.453	ug/L	97
47) Tetrachloroethene	8.21	164	3583	0.456	ug/L	91
48) 2-Hexanone	8.36	43	35449	4.273	ug/L	99
49) Dibromochloromethane	8.46	129	5101	0.422	ug/L	88
50) 1,2-Dibromoethane	8.57	107	3905	0.426	ug/L #	89
51) Chlorobenzene	9.10	112	15348	0.443	ug/L	99
52) Ethylbenzene	9.23	91	25445	0.399	ug/L	98
53) m,p-Xylene	9.36	106	8883	0.394	ug/L	99
54) o-Xylene	9.76	106	9681	0.425	ug/L	99
55) Styrene	9.78	104	15602	0.411	ug/L	94
56) Isopropylbenzene	10.14	105	28138	0.442	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	6994	0.464	ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	4743	0.450	ug/L	97
61) Bromoform	9.94	173	2892	0.511	ug/L	90
62) 1,3-Dichlorobenzene	11.40	146	12187	0.489	ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	13109	0.529	ug/L	94
65) 1,2-Dichlorobenzene	11.86	146	12331	0.500	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	707	0.327	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.87	180	7377	0.443	ug/L	92
68) 1,2,4-trichlorobenzene	13.49	180	4146	0.314	ug/L #	87
69) Naphthalene	13.74	128	5788	0.187	ug/L #	81
70) 1,2,3-Trichlorobenzene	13.98	180	4534	0.363	ug/L #	80

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

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