

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
 Data File : VV013444.D
 Acq On : 31 Oct 2019 13:34
 Operator : SY/MD
 Sample : VSTD0.533
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.533

Quant Time: Nov 01 04:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	458026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	472939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	267999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15900	0.38	ug/L	0.00
7) Chloroethane-d5	1.58	69	13852	0.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	30845	0.45	ug/L	0.00
20) 2-Butanone-d5	3.98	46	37563	3.86	ug/L	0.03
24) Chloroform-d	4.40	84	40440	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	20540	0.49	ug/L	0.00
32) Benzene-d6	5.10	84	75872	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	22285	0.44	ug/L	0.00
41) Toluene-d8	7.36	98	63376	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9133	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21603	3.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	16849	0.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	27564	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	29513	0.487 ug/L	93
3) Chloromethane	1.25	50	23221	0.456 ug/L	98
5) Vinyl chloride	1.32	62	23398	0.472 ug/L #	78
6) Bromomethane	1.53	94	11919	0.461 ug/L	98
8) Chloroethane	1.60	64	15751	0.561 ug/L	89
9) Trichlorofluoromethane	1.77	101	32106	0.493 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18529	0.512 ug/L	98
12) 1,1-Dichloroethene	2.14	96	17079	0.491 ug/L	95
13) Acetone	2.22	43	23583	4.734 ug/L	98
14) Carbon disulfide	2.31	76	55600	0.530 ug/L	98
15) Methyl Acetate	2.47	43	7177	0.394 ug/L #	89
16) Methylene chloride	2.53	84	47127	0.935 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	46401	0.494 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	23605	0.513 ug/L	99
19) 1,1-Dichloroethane	3.23	63	42110	0.499 ug/L	99
21) 2-Butanone	4.05	43	37902	3.500 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	22448	0.483 ug/L #	92
23) Bromochloromethane	4.30	128	9741	0.463 ug/L	95
25) Chloroform	4.42	83	48877	0.546 ug/L	96
27) 1,2-Dichloroethane	5.18	62	22844	0.462 ug/L #	91
29) 1,1,1-Trichloroethane	4.65	97	32585	0.470 ug/L	90
30) Cyclohexane	4.72	56	33637	0.460 ug/L	94
31) Carbon tetrachloride	4.87	117	31170	0.496 ug/L	94
33) Benzene	5.15	78	85192	0.488 ug/L	100
34) Trichloroethene	5.96	95	23802	0.495 ug/L	93
35) Methylcyclohexane	6.17	83	33003	0.461 ug/L	99
37) 1,2-Dichloropropane	6.22	63	20565	0.467 ug/L	99
38) Bromodichloromethane	6.56	83	27561	0.495 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	24883	0.415 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	109076	4.319 ug/L	95

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

42) Toluene	7.43	91	86353	0.476	ug/L	93
44) trans-1,3-Dichloropropene	7.69	75	21265	0.446	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	13684	0.462	ug/L	95
47) Tetrachloroethene	8.02	164	19804	0.489	ug/L	96
48) 2-Hexanone	8.19	43	82798	4.557	ug/L	89
49) Dibromochloromethane	8.29	129	16710	0.453	ug/L	92
50) 1,2-Dibromoethane	8.40	107	13124	0.481	ug/L	90
51) Chlorobenzene	8.92	112	59724	0.508	ug/L	100
52) Ethylbenzene	9.05	91	88204	0.457	ug/L	99
53) m,p-xylene	9.18	106	34052	0.476	ug/L	99
54) o-xylene	9.59	106	31088	0.446	ug/L	99
55) Styrene	9.60	104	50800	0.435	ug/L	99
56) Isopropylbenzene	9.97	105	82467	0.442	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	16205	0.505	ug/L #	93
59) 1,2,3-Trichloropropane	10.31	75	13204	0.505	ug/L	94
61) Bromoform	9.77	173	10153	0.511	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	48141	0.540	ug/L	93
63) 1,4-Dichlorobenzene	11.31	146	49399	0.551	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	42209	0.509	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	2485	0.575	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	37063	0.520	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	30086	0.542	ug/L	98
69) Naphthalene	13.55	128	43336	0.558	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	27888	0.549	ug/L	95

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

