

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026430.D
 Acq On : 3 Apr 2019 15:25
 Operator : SY/MD
 Sample : VSTD0.582
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.582

Quant Time: Apr 04 04:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 04 04:39:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	765532	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	600444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	212249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	27237	0.37	ug/L	0.00
7) Chloroethane-d5	2.62	69	22825	0.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	68401	0.39	ug/L	0.00
20) 2-Butanone-d5	6.59	46	19543	3.54	ug/L	0.00
24) Chloroform-d	7.20	84	50075	0.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	19608	0.39	ug/L	0.00
32) Benzene-d6	7.85	84	88735	0.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	21492	0.38	ug/L	0.00
41) Toluene-d8	9.97	98	70311	0.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	6289	0.42	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	9672	2.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8191	0.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	13375	0.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	35497	0.527 ug/L	96
3) Chloromethane	2.01	50	36994	0.454 ug/L	96
5) Vinyl chloride	2.15	62	35630	0.450 ug/L	98
6) Bromomethane	2.52	94	20836	0.457 ug/L	88
8) Chloroethane	2.66	64	20768	0.441 ug/L	92
9) Trichlorofluoromethane	2.94	101	48337	0.461 ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	29299	0.486 ug/L	97
12) 1,1-Dichloroethene	3.62	96	30173	0.453 ug/L	82
13) Acetone	3.69	43	20994	4.216 ug/L	96
14) Carbon disulfide	3.92	76	82969	0.396 ug/L	100
15) Methyl Acetate	4.19	43	4652	0.336 ug/L	98
16) Methylene chloride	4.39	84	31390	0.536 ug/L	73
17) Methyl tert-butyl Ether	4.88	73	28465	0.435 ug/L #	93
18) trans-1,2-Dichloroethene	4.88	96	27932	0.455 ug/L	90
19) 1,1-Dichloroethane	5.69	63	53062	0.469 ug/L	97
21) 2-Butanone	6.69	43	22778	3.641 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	21359	0.416 ug/L #	93
23) Bromochloromethane	7.04	128	7696	0.481 ug/L #	80
25) Chloroform	7.23	83	47493	0.438 ug/L	98
27) 1,2-Dichloroethane	7.99	62	24004	0.463 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	44218	0.492 ug/L	97
30) Cyclohexane	7.52	56	32756	0.384 ug/L	93
31) Carbon tetrachloride	7.64	117	43204	0.516 ug/L	97
33) Benzene	7.91	78	95808	0.412 ug/L	100
34) Trichloroethene	8.71	95	25756	0.437 ug/L	99
35) Methylcyclohexane	8.95	83	33368	0.397 ug/L	96
37) 1,2-Dichloropropane	9.00	63	22079	0.447 ug/L #	93
38) Bromodichloromethane	9.28	83	23996	0.423 ug/L #	95
39) cis-1,3-Dichloropropene	9.72	75	19943	0.366 ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	43132	3.151 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	93576	0.399	ug/L	86
44) trans-1,3-Dichloropropene	10.26	75	14846	0.377	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	9168	0.450	ug/L	88
47) Tetrachloroethene	10.51	164	19980	0.471	ug/L	97
48) 2-Hexanone	10.63	43	30669	3.247	ug/L #	90
49) Dibromochloromethane	10.79	129	9878	0.389	ug/L	78
50) 1,2-Dibromoethane	10.89	107	7042	0.434	ug/L #	77
51) Chlorobenzene	11.32	112	57470	0.450	ug/L	96
52) Ethylbenzene	11.39	91	106476	0.404	ug/L	99
53) m,p-Xylene	11.50	106	33971	0.364	ug/L	95
54) o-Xylene	11.83	106	28490	0.347	ug/L	89
55) Styrene	11.84	104	44381	0.341	ug/L	83
56) Isopropylbenzene	12.13	105	81172	0.347	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	9230	0.496	ug/L #	84
59) 1,2,3-Trichloropropane	12.43	75	6519	0.470	ug/L	97
61) Bromoform	12.01	173	3892	0.397	ug/L #	82
62) 1,3-Dichlorobenzene	13.16	146	27336	0.416	ug/L	88
63) 1,4-Dichlorobenzene	13.24	146	33241	0.461	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	21238	0.394	ug/L	88
66) 1,2-Dibromo-3-chloropropan	14.15	75	1309	0.653	ug/L #	71
67) 1,3,5-Trichlorobenzene	14.29	180	17036	0.418	ug/L	95
68) 1,2,4-trichlorobenzene	14.79	180	8856	0.379	ug/L	97
69) Naphthalene	15.01	128	7067	0.326	ug/L	96
70) 1,2,3-Trichlorobenzene	15.18	180	6177	0.377	ug/L #	89

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

