

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026436.D
 Acq On : 3 Apr 2019 18:47
 Operator : SY/MD
 Sample : VSTD0.587
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.587

Quant Time: Apr 04 04:45:56 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	514437	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	412205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141992	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	21908	0.45	ug/L	0.00
7) Chloroethane-d5	2.62	69	17719	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	53174	0.46	ug/L	0.01
20) 2-Butanone-d5	6.59	46	14255	3.84	ug/L	0.00
24) Chloroform-d	7.20	84	35146	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	15331	0.46	ug/L	0.00
32) Benzene-d6	7.85	84	56395	0.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	16799	0.43	ug/L	0.00
41) Toluene-d8	9.97	98	44129	0.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	4044	0.39	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	6425	2.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	6320	0.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	11214	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	25999	0.574 ug/L	90
3) Chloromethane	2.01	50	28733	0.525 ug/L	98
5) Vinyl chloride	2.15	62	28930	0.544 ug/L	95
6) Bromomethane	2.52	94	16945	0.553 ug/L	90
8) Chloroethane	2.66	64	15894	0.502 ug/L	92
9) Trichlorofluoromethane	2.94	101	35621	0.506 ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	21333	0.527 ug/L	94
12) 1,1-Dichloroethene	3.62	96	24510	0.548 ug/L	87
13) Acetone	3.70	43	18590	5.556 ug/L	95
14) Carbon disulfide	3.94	76	63184	0.448 ug/L	97
15) Methyl Acetate	4.20	43	5908	0.636 ug/L #	89
16) Methylene chloride	4.41	84	24491	0.623 ug/L	76
17) Methyl tert-butyl Ether	4.90	73	24176	0.550 ug/L #	85
18) trans-1,2-Dichloroethene	4.89	96	19822	0.480 ug/L	91
19) 1,1-Dichloroethane	5.69	63	37526	0.493 ug/L	92
21) 2-Butanone	6.69	43	16546	3.936 ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	14404	0.418 ug/L #	77
23) Bromochloromethane	7.04	128	5327	0.495 ug/L	81
25) Chloroform	7.23	83	37336	0.513 ug/L	97
27) 1,2-Dichloroethane	7.99	62	18211	0.523 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	31687	0.513 ug/L	95
30) Cyclohexane	7.53	56	20435	0.349 ug/L	94
31) Carbon tetrachloride	7.64	117	29668	0.516 ug/L	97
33) Benzene	7.91	78	68502	0.429 ug/L	100
34) Trichloroethene	8.71	95	20033	0.495 ug/L	92
35) Methylcyclohexane	8.95	83	21527	0.373 ug/L	96
37) 1,2-Dichloropropane	9.00	63	16125	0.476 ug/L #	92
38) Bromodichloromethane	9.28	83	19107	0.490 ug/L	84
39) cis-1,3-Dichloropropene	9.72	75	12382	0.331 ug/L	87
40) 4-Methyl-2-pentanone	9.86	43	33459	3.561 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	62787	0.390	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	9667	0.358	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	6623	0.474	ug/L	93
47) Tetrachloroethene	10.51	164	13936	0.478	ug/L	94
48) 2-Hexanone	10.63	43	20786	3.206	ug/L #	96
49) Dibromochloromethane	10.78	129	8388	0.481	ug/L	86
50) 1,2-Dibromoethane	10.88	107	5446	0.489	ug/L #	91
51) Chlorobenzene	11.32	112	43087	0.491	ug/L	97
52) Ethylbenzene	11.39	91	73830	0.408	ug/L	95
53) m,p-Xylene	11.50	106	25384	0.396	ug/L	87
54) o-Xylene	11.83	106	18170	0.322	ug/L	95
55) Styrene	11.84	104	27973	0.313	ug/L	89
56) Isopropylbenzene	12.13	105	51339	0.320	ug/L #	94
58) 1,1,2,2-Tetrachloroethane	12.38	83	6962	0.545	ug/L #	91
59) 1,2,3-Trichloropropane	12.43	75	5449	0.572	ug/L	94
61) Bromoform	12.01	173	3005	0.458	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	19530	0.444	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	25133	0.521	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	17050	0.472	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.14	75	901	0.672	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.29	180	13204	0.485	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	7123	0.456	ug/L	95
69) Naphthalene	15.00	128	5180	0.357	ug/L #	83
70) 1,2,3-Trichlorobenzene	15.18	180	4946	0.451	ug/L	96

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

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