

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040819\
 Data File : VR026508.D
 Acq On : 8 Apr 2019 11:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00564

Quant Time: Apr 09 01:37:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 02:57:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	647697	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	535569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	226242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	196377	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	2.62	69	171505	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	3.61	63	589394	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	6.59	46	205961	46.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.88%
24) Chloroform-d	7.20	84	416202	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	7.89	65	174352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	7.85	84	768168	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	210814	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	746315	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	10.23	79	49723	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	176392	55.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83555	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	141350	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	322553	4.859 ug/L	97
3) Chloromethane	2.01	50	338964	4.841 ug/L	99
5) Vinyl chloride	2.16	62	346162	5.031 ug/L	99
6) Bromomethane	2.52	94	206823	5.141 ug/L	94
8) Chloroethane	2.65	64	199961	5.126 ug/L	98
9) Trichlorofluoromethane	2.94	101	541434	5.685 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	275301	5.239 ug/L	99
12) 1,1-Dichloroethene	3.62	96	289434	5.039 ug/L	98
13) Acetone	3.69	43	220741	49.785 ug/L	100
14) Carbon disulfide	3.93	76	834280	5.004 ug/L	99
15) Methyl Acetate	4.19	43	64554	5.396 ug/L	93
16) Methylene chloride	4.40	84	247965	4.856 ug/L	96
17) Methyl tert-butyl Ether	4.89	73	315891	4.835 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	281130	5.187 ug/L	95
19) 1,1-Dichloroethane	5.69	63	510770	5.072 ug/L	95
21) 2-Butanone	6.69	43	332122	58.259 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	253020	5.613 ug/L #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	73979	5.267	ug/L	92
25) Chloroform	7.23	83	498236	5.171	ug/L	99
27) 1,2-Dichloroethane	7.99	62	248787	5.177	ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	443247	5.014	ug/L	98
30) Cyclohexane	7.52	56	476906	5.807	ug/L	100
31) Carbon tetrachloride	7.63	117	432511	5.165	ug/L	99
33) Benzene	7.90	78	1128778	5.393	ug/L	100
34) Trichloroethene	8.71	95	287370	5.126	ug/L	96
35) Methylcyclohexane	8.95	83	452509	5.660	ug/L	98
37) 1,2-Dichloropropane	8.99	63	246844	5.382	ug/L	99
38) Bromodichloromethane	9.28	83	281375	5.309	ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	295331	5.932	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	864765	64.342	ug/L	98
42) Toluene	10.03	91	1219195	5.684	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	197867	5.448	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	102901	5.546	ug/L	96
47) Tetrachloroethene	10.51	164	213169	5.343	ug/L	94
48) 2-Hexanone	10.63	43	598472	66.946	ug/L	97
49) Dibromochloromethane	10.79	129	127305	5.238	ug/L	90
50) 1,2-Dibromoethane	10.88	107	86929	5.447	ug/L	86
51) Chlorobenzene	11.32	112	639375	5.312	ug/L	99
52) Ethylbenzene	11.39	91	1427246	5.776	ug/L	98
53) m,p-Xylene	11.50	106	505113	5.704	ug/L	95
54) o-Xylene	11.83	106	462187	5.939	ug/L	94
55) Styrene	11.84	104	728376	5.929	ug/L	96
56) Isopropylbenzene	12.13	105	1353186	6.127	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	97928	5.435	ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	77782	5.628	ug/L	96
61) Bromoform	12.01	173	47528	4.708	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	374786	5.168	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	405149	4.977	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	307714	5.116	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	10571	4.572	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.29	180	239254	5.050	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	129444	4.916	ug/L	92
69) Naphthalene	15.00	128	132476	5.350	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	104519	5.727	ug/L	98

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

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