

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026334.D
 Acq On : 15 Feb 2019 17:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00589

Quant Time: Feb 16 03:24:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 03:20:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	594728	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	501541	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	207106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	219965	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	2.62	69	201145	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	3.61	63	578529	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	6.59	46	204568	59.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.32%
24) Chloroform-d	7.20	84	419398	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	7.90	65	159939	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	7.85	84	822691	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	8.89	67	206511	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	788213	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.24	79	55315	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	10.59	63	180127	67.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.30%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85955	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	159820	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	231867	4.231	ug/L	98
3) Chloromethane	2.01	50	275939	4.410	ug/L	98
5) Vinyl chloride	2.17	62	270644	4.294	ug/L	95
6) Bromomethane	2.52	94	180618	4.455	ug/L	97
8) Chloroethane	2.65	64	171601	4.532	ug/L	95
9) Trichlorofluoromethane	2.94	101	441928	4.330	ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	245217	4.542	ug/L	100
12) 1,1-Dichloroethene	3.63	96	255559	4.498	ug/L	87
13) Acetone	3.69	43	177740	48.742	ug/L	99
14) Carbon disulfide	3.93	76	844337	4.545	ug/L	99
15) Methyl Acetate	4.20	43	48675	4.850	ug/L	95
16) Methylene chloride	4.40	84	235105	4.887	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	259616	5.204	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	231644	4.492	ug/L	90
19) 1,1-Dichloroethane	5.69	63	401828	4.539	ug/L	95
21) 2-Butanone	6.69	43	232169	56.240	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	212849	5.117	ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	58690	4.523	ug/L	90
25) Chloroform	7.23	83	391406	4.551	ug/L	98
27) 1,2-Dichloroethane	7.99	62	181487	4.879	ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	370255	4.485	ug/L	98
30) Cyclohexane	7.51	56	355354	5.376	ug/L	100
31) Carbon tetrachloride	7.63	117	332411	4.344	ug/L	97
33) Benzene	7.90	78	927501	4.674	ug/L	100
34) Trichloroethene	8.71	95	237340	4.638	ug/L	96
35) Methylcyclohexane	8.95	83	371566	5.222	ug/L	96
37) 1,2-Dichloropropane	8.99	63	193264	4.510	ug/L	98
38) Bromodichloromethane	9.28	83	220437	4.613	ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	228790	5.189	ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	596658	60.407	ug/L	98
42) Toluene	10.03	91	997398	4.890	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	167843	5.131	ug/L	99
45) 1,1,2-Trichloroethane	10.44	97	84853	4.743	ug/L	96
47) Tetrachloroethene	10.51	164	182054	4.637	ug/L	94
48) 2-Hexanone	10.63	43	392955	59.165	ug/L	97
49) Dibromochloromethane	10.79	129	108882	4.735	ug/L	95
50) 1,2-Dibromoethane	10.89	107	71808	5.048	ug/L #	84
51) Chlorobenzene	11.32	112	535414	4.591	ug/L	99
52) Ethylbenzene	11.39	91	1154419	5.062	ug/L	98
53) m,p-Xylene	11.50	106	419539	5.035	ug/L	98
54) o-Xylene	11.83	106	378140	5.262	ug/L	98
55) Styrene	11.84	104	596107	5.281	ug/L	99
56) Isopropylbenzene	12.13	105	1100283	5.386	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	80419	4.852	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	56505	4.730	ug/L	96
61) Bromoform	12.01	173	42016	4.119	ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	330169	4.881	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	351896	4.557	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	273054	4.710	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.15	75	9549	4.557	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	204642	4.720	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	118889	5.081	ug/L	97
69) Naphthalene	15.00	128	116098	5.529	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	90959	5.386	ug/L	96

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

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