

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
 Data File : VR026414.D
 Acq On : 28 Feb 2019 12:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00593

Quant Time: Mar 01 06:30:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 28 07:30:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534618	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	430239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	222614	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	2.62	69	185931	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	3.61	63	571289	4.65	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	6.59	46	164507	43.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	7.20	84	381948	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	7.89	65	148990	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	7.85	84	738542	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.89	67	181012	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	9.97	98	682983	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	10.23	79	44091	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	10.59	63	135943	49.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66302	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	125622	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	211720	4.693	ug/L 100
3) Chloromethane	2.01	50	274704	4.824	ug/L 96
5) Vinyl chloride	2.16	62	265581	4.810	ug/L 95
6) Bromomethane	2.52	94	152163	4.784	ug/L 92
8) Chloroethane	2.65	64	156396	4.708	ug/L 97
9) Trichlorofluoromethane	2.93	101	384114	5.346	ug/L # 53
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	211506	5.052	ug/L 97
12) 1,1-Dichloroethene	3.63	96	226121	4.841	ug/L 98
13) Acetone	3.69	43	167942	48.906	ug/L 98
14) Carbon disulfide	3.94	76	669137	4.497	ug/L 97
15) Methyl Acetate	4.19	43	43082	4.433	ug/L 99
16) Methylene chloride	4.40	84	178937	4.384	ug/L 98
17) Methyl tert-butyl Ether	4.90	73	225152	5.152	ug/L 97
18) trans-1,2-Dichloroethene	4.88	96	204382	4.797	ug/L 96
19) 1,1-Dichloroethane	5.69	63	373260	4.782	ug/L 95
21) 2-Butanone	6.68	43	216264	50.249	ug/L 100
22) cis-1,2-Dichloroethene	6.67	96	177858	4.972	ug/L 86

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

23) Bromochloromethane	7.04	128	50700	4.575	ug/L	95
25) Chloroform	7.23	83	362707	4.847	ug/L	96
27) 1,2-Dichloroethane	7.99	62	171004	4.829	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	322213	5.168	ug/L	98
30) Cyclohexane	7.51	56	335069	5.620	ug/L	97
31) Carbon tetrachloride	7.63	117	310599	5.359	ug/L	100
33) Benzene	7.90	78	803690	4.861	ug/L	100
34) Trichloroethene	8.71	95	207584	4.991	ug/L	94
35) Methylcyclohexane	8.95	83	325644	5.520	ug/L	98
37) 1,2-Dichloropropane	8.99	63	172057	4.900	ug/L #	97
38) Bromodichloromethane	9.28	83	200357	4.977	ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	191577	4.996	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	522971	54.475	ug/L	99
42) Toluene	10.03	91	843442	5.079	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	139346	4.984	ug/L	91
45) 1,1,2-Trichloroethane	10.44	97	67588	4.659	ug/L	97
47) Tetrachloroethene	10.51	164	151265	5.016	ug/L	97
48) 2-Hexanone	10.63	43	352709	53.170	ug/L	100
49) Dibromochloromethane	10.78	129	89763	4.978	ug/L	93
50) 1,2-Dibromoethane	10.88	107	56785	5.022	ug/L	98
51) Chlorobenzene	11.31	112	451101	4.968	ug/L	99
52) Ethylbenzene	11.39	91	999433	5.355	ug/L	97
53) m,p-Xylene	11.50	106	353448	5.312	ug/L	98
54) o-Xylene	11.83	106	316032	5.442	ug/L	96
55) Styrene	11.84	104	487007	5.305	ug/L	96
56) Isopropylbenzene	12.13	105	959897	5.820	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	66686	5.046	ug/L #	96
59) 1,2,3-Trichloropropane	12.43	75	48716	5.035	ug/L	97
61) Bromoform	12.00	173	33598	4.335	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	258692	5.095	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	279404	4.957	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	209423	4.986	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	7807	4.994	ug/L #	74
67) 1,3,5-Trichlorobenzene	14.29	180	160624	5.107	ug/L	96
68) 1,2,4-trichlorobenzene	14.79	180	89318	4.947	ug/L	99
69) Naphthalene	15.00	128	80797	4.847	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	66891	5.260	ug/L	95

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

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