

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122118\
 Data File : VR026293.D
 Acq On : 21 Dec 2018 21:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00590

Quant Time: Dec 21 22:29:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	571114	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	476772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	193787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	165647	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	2.63	69	174391	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	3.61	63	486457	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	6.59	46	183424	56.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.66%
24) Chloroform-d	7.20	84	388939	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	7.90	65	148856	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	7.85	84	732247	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	190423	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	659160	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	10.24	79	48859	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	10.59	63	139412	65.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.80%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78429	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	145581	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	228737	4.824	ug/L 98
3) Chloromethane	2.01	50	280020	4.945	ug/L 99
5) Vinyl chloride	2.17	62	284757	4.946	ug/L 96
6) Bromomethane	2.52	94	176904	4.606	ug/L 96
8) Chloroethane	2.66	64	172407	4.859	ug/L 98
9) Trichlorofluoromethane	2.94	101	405187	4.590	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	229852	4.771	ug/L 99
12) 1,1-Dichloroethene	3.63	96	245349	4.797	ug/L 89
13) Acetone	3.70	43	151952	46.219	ug/L 96
14) Carbon disulfide	3.94	76	755146	4.498	ug/L 97
15) Methyl Acetate	4.19	43	45261	5.159	ug/L 99
16) Methylene chloride	4.40	84	219640	5.032	ug/L 98
17) Methyl tert-butyl Ether	4.89	73	249487	5.694	ug/L 99
18) trans-1,2-Dichloroethene	4.88	96	217645	4.802	ug/L 92
19) 1,1-Dichloroethane	5.69	63	386039	4.659	ug/L 96
21) 2-Butanone	6.69	43	212181	54.420	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	199004	4.916	ug/L # 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.06	128	58703	4.924	ug/L	94
25) Chloroform	7.23	83	386125	4.915	ug/L	98
27) 1,2-Dichloroethane	7.99	62	173375	5.118	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	347181	4.447	ug/L	99
30) Cyclohexane	7.52	56	317925	4.594	ug/L	100
31) Carbon tetrachloride	7.64	117	306795	4.316	ug/L	99
33) Benzene	7.91	78	881969	4.699	ug/L	100
34) Trichloroethene	8.71	95	221446	4.475	ug/L	99
35) Methylcyclohexane	8.95	83	322778	4.499	ug/L	98
37) 1,2-Dichloropropane	9.00	63	183743	4.781	ug/L	98
38) Bromodichloromethane	9.28	83	210537	4.836	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	211037	4.992	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	545959	59.030	ug/L	100
42) Toluene	10.04	91	929451	4.845	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	151985	5.059	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	78726	4.935	ug/L	99
47) Tetrachloroethene	10.51	164	162398	4.314	ug/L	96
48) 2-Hexanone	10.63	43	355248	59.590	ug/L	100
49) Dibromochloromethane	10.79	129	101965	5.035	ug/L	95
50) 1,2-Dibromoethane	10.89	107	68539	5.100	ug/L	97
51) Chlorobenzene	11.32	112	501849	4.676	ug/L	99
52) Ethylbenzene	11.39	91	1053571	4.865	ug/L	100
53) m,p-Xylene	11.50	106	388604	4.798	ug/L	94
54) o-Xylene	11.83	106	355583	5.039	ug/L	97
55) Styrene	11.84	104	546144	5.126	ug/L	99
56) Isopropylbenzene	12.13	105	1027748	5.122	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	75317	5.346	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	58279	5.337	ug/L	100
61) Bromoform	12.01	173	40325	4.925	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	315044	5.002	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	315630	4.665	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	245397	4.786	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	8268	4.544	ug/L #	91
67) 1,3,5-Trichlorobenzene	14.30	180	186703	4.628	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	106116	4.842	ug/L	100
69) Naphthalene	15.00	128	112324	5.706	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	77567	5.104	ug/L	95

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

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