

Data File : VR026197.D
Acq On : 7 Nov 2018 9:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00587

Quant Time: Nov 07 12:50:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	703971	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	576596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	225413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	299930	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	2.63	69	258642	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	3.61	63	741801	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	6.59	46	233815	46.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	7.20	84	463137	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	185442	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	927177	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	8.90	67	223618	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	880288	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	10.24	79	61085	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	10.59	63	174951	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89044	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	170451	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	214350	4.533	ug/L 97
3) Chloromethane	2.01	50	334985	4.461	ug/L 95
5) Vinyl chloride	2.16	62	344740	4.608	ug/L 94
6) Bromomethane	2.52	94	220871	4.471	ug/L 98
8) Chloroethane	2.66	64	225439	4.864	ug/L 96
9) Trichlorofluoromethane	2.94	101	532035	4.927	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	318750	4.951	ug/L 97
12) 1,1-Dichloroethene	3.63	96	340489	4.974	ug/L 92
13) Acetone	3.70	43	241547	46.195	ug/L 96
14) Carbon disulfide	3.93	76	935687	5.228	ug/L 99
15) Methyl Acetate	4.19	43	61940	4.535	ug/L 97
16) Methylene chloride	4.40	84	277342	4.468	ug/L 97
17) Methyl tert-butyl Ether	4.89	73	303027	4.876	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	248057	4.792	ug/L 100
19) 1,1-Dichloroethane	5.69	63	482540	4.965	ug/L 96
21) 2-Butanone	6.69	43	284472	47.159	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	243854	4.980	ug/L # 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	69636	5.069	ug/L	91
25) Chloroform	7.23	83	467594	4.929	ug/L	95
27) 1,2-Dichloroethane	7.99	62	220666	4.752	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	439986	5.584	ug/L	99
30) Cyclohexane	7.52	56	437867	5.536	ug/L	99
31) Carbon tetrachloride	7.64	117	391828	5.469	ug/L	96
33) Benzene	7.91	78	1078782	4.986	ug/L	100
34) Trichloroethene	8.71	95	285265	5.151	ug/L	98
35) Methylcyclohexane	8.95	83	441253	5.352	ug/L	98
37) 1,2-Dichloropropane	9.00	63	223940	4.906	ug/L	99
38) Bromodichloromethane	9.28	83	259147	5.279	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	279703	5.354	ug/L	100
40) 4-Methyl-2-pentanone	9.87	43	688516	49.391	ug/L	100
42) Toluene	10.04	91	1176647	5.153	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	190136	5.209	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	93418	4.852	ug/L	92
47) Tetrachloroethene	10.51	164	201887	5.105	ug/L	97
48) 2-Hexanone	10.63	43	466528	51.240	ug/L	99
49) Dibromochloromethane	10.79	129	115598	5.335	ug/L	98
50) 1,2-Dibromoethane	10.89	107	80014	4.810	ug/L #	88
51) Chlorobenzene	11.32	112	630616	4.989	ug/L	99
52) Ethylbenzene	11.39	91	1397709	5.323	ug/L	99
53) m,p-Xylene	11.50	106	510727	5.338	ug/L	96
54) o-Xylene	11.83	106	459178	5.235	ug/L	96
55) Styrene	11.84	104	707617	5.242	ug/L	97
56) Isopropylbenzene	12.13	105	1377269	5.654	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	90304	4.615	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	67708	4.713	ug/L	99
61) Bromoform	12.01	173	39420	5.031	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	386820	5.166	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	379804	4.897	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	301205	5.012	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	9114	3.722	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.29	180	235461	5.160	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	138390	5.196	ug/L	99
69) Naphthalene	15.00	128	142217	5.499	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	97190	5.254	ug/L	97

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

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