

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013241.D
 Acq On : 19 Oct 2019 08:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Nov 01 03:55:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	467538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	490079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	306129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203246	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	171600	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	328282	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.97	46	525835	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	4.40	84	439007	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	203524	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	867296	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	255396	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	803227	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	85566	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	376537	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	182896	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	295156	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	264856	4.553 ug/L	99
3) Chloromethane	1.25	50	227822	4.056 ug/L	99
5) Vinyl chloride	1.32	62	225414	4.576 ug/L	98
6) Bromomethane	1.53	94	71761	2.615 ug/L	98
8) Chloroethane	1.60	64	137250	4.864 ug/L	96
9) Trichlorofluoromethane	1.77	101	323241	4.633 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	182155	4.624 ug/L	99
12) 1,1-Dichloroethene	2.14	96	175414	4.672 ug/L	96
13) Acetone	2.23	43	212239	43.877 ug/L	65
14) Carbon disulfide	2.31	76	483260	4.522 ug/L	99
15) Methyl Acetate	2.47	43	55912	5.044 ug/L #	87
16) Methylene chloride	2.53	84	227110	4.829 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	468334	4.656 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	229128	4.676 ug/L	98
19) 1,1-Dichloroethane	3.23	63	421654	4.730 ug/L	99
21) 2-Butanone	4.05	43	521734	49.459 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	237028	4.683 ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	106710	4.715	ug/L	96
25) Chloroform	4.42	83	431269	4.578	ug/L	99
27) 1,2-Dichloroethane	5.18	62	236630	4.604	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	356728	4.714	ug/L	98
30) Cyclohexane	4.72	56	357797	4.579	ug/L	99
31) Carbon tetrachloride	4.87	117	317631	4.739	ug/L	99
33) Benzene	5.14	78	942328	4.775	ug/L	100
34) Trichloroethene	5.96	95	239363	4.676	ug/L	99
35) Methylcyclohexane	6.17	83	350685	4.465	ug/L	98
37) 1,2-Dichloropropane	6.22	63	229075	4.706	ug/L	99
38) Bromodichloromethane	6.55	83	285602	4.651	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	286360	4.400	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1272624	48.605	ug/L	98
42) Toluene	7.43	91	1003008	4.944	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	219322	4.381	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	158596	4.750	ug/L	95
47) Tetrachloroethene	8.02	164	209461	4.680	ug/L	99
48) 2-Hexanone	8.18	43	929139	48.860	ug/L	97
49) Dibromochloromethane	8.29	129	189927	4.750	ug/L	98
50) 1,2-Dibromoethane	8.40	107	143988	4.769	ug/L	97
51) Chlorobenzene	8.92	112	630377	4.833	ug/L	98
52) Ethylbenzene	9.05	91	1030648	4.872	ug/L	98
53) m,p-xylene	9.18	106	401925	5.039	ug/L	99
54) o-xylene	9.58	106	380060	4.901	ug/L	96
55) Styrene	9.60	104	676161	5.231	ug/L	98
56) Isopropylbenzene	9.97	105	1008506	4.945	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	178070	4.577	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	131439	4.669	ug/L	97
61) Bromoform	9.77	173	107326	4.313	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	514528	4.694	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	520969	4.770	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	474425	4.568	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	27227	4.139	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	358737	4.461	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	311228	4.438	ug/L	99
69) Naphthalene	13.55	128	451861	4.175	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	302847	4.363	ug/L	99

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

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