

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007476.D
 Acq On : 12 Sep 2018 14:48
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Quant Time: Sep 13 03:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147946	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39953	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	32630	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	77401	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.97	46	82926	48.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.41	84	78619	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.09	65	40306	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	145983	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	43910	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	148915	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.67	79	20757	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	49096	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	31623	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	57902	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	48875	5.67	ug/L	98
3) Chloromethane	1.25	50	37639	4.98	ug/L	100
5) Vinyl chloride	1.32	62	43145	4.97	ug/L	99
6) Bromomethane	1.54	94	27869	4.84	ug/L	98
8) Chloroethane	1.60	64	25611	4.96	ug/L	100
9) Trichlorofluoromethane	1.77	101	73231	4.84	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41276	4.77	ug/L	97
12) 1,1-Dichloroethene	2.14	96	37050	4.85	ug/L	94
13) Acetone	2.21	43	49270	49.51	ug/L	99
14) Carbon disulfide	2.32	76	118301	5.06	ug/L	98
15) Methyl Acetate	2.47	43	12509	4.55	ug/L	96
16) Methylene chloride	2.53	84	37472	4.59	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	90196	4.67	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	39439	4.83	ug/L	96
19) 1,1-Dichloroethane	3.23	63	62586	4.70	ug/L	99
21) 2-Butanone	4.05	43	82180	50.81	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	41017	5.12	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18770	4.89	ug/L	98
25) Chloroform	4.43	83	69179	5.03	ug/L	98
27) 1,2-Dichloroethane	5.19	62	42908	4.99	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	66631	4.95	ug/L	97
30) Cyclohexane	4.72	56	60331	5.05	ug/L	98
31) Carbon tetrachloride	4.87	117	63917	5.14	ug/L	99
33) Benzene	5.15	78	143070	5.02	ug/L	100
34) Trichloroethene	5.96	95	44212	5.14	ug/L	93
35) Methylcyclohexane	6.18	83	68843	5.16	ug/L	99
37) 1,2-Dichloropropane	6.23	63	34237	4.74	ug/L #	94
38) Bromodichloromethane	6.56	83	51665	5.06	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	58681	5.05	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	202559	49.28	ug/L	99
42) Toluene	7.43	91	158947	5.04	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	48171	4.94	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	26222	4.80	ug/L	94
47) Tetrachloroethene	8.02	164	37789	5.14	ug/L	99
48) 2-Hexanone	8.19	43	148372	49.59	ug/L	99
49) Dibromochloromethane	8.30	129	38370	5.07	ug/L	97
50) 1,2-Dibromoethane	8.40	107	26220	4.92	ug/L	98
51) Chlorobenzene	8.93	112	107353	5.01	ug/L	99
52) Ethylbenzene	9.06	91	180594	5.02	ug/L	99
53) m,p-xylene	9.18	106	69486	4.97	ug/L	96
54) o-xylene	9.59	106	67799	4.96	ug/L	99
55) Styrene	9.61	104	113188	5.06	ug/L	99
56) Isopropylbenzene	9.98	105	185245	5.04	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	27153	4.53	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	21840	4.75	ug/L	97
61) Bromoform	9.78	173	24027	5.07	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	88245	5.07	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	89242	5.15	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	82070	5.02	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5929	4.88	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	71175	5.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	57484	5.68	ug/L	100
69) Naphthalene	13.56	128	85150	5.41	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	52814	5.56	ug/L	98

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

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