

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007270.D
 Acq On : 30 Aug 2018 18:31
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Quant Time: Aug 31 02:23:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:21:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	318506	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	310476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	148178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	131675	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	106761	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	223986	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.97	46	261976	48.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.38%
24) Chloroform-d	4.40	84	241346	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	110450	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	484465	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	149472	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	448413	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.67	79	52170	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	173128	47.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106614	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	144639	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	150948	5.41 ug/L	# 88
3) Chloromethane	1.25	50	155426	5.04 ug/L	99
5) Vinyl chloride	1.32	62	148733	4.97 ug/L	98
6) Bromomethane	1.54	94	73868	4.97 ug/L	99
8) Chloroethane	1.60	64	88730	5.15 ug/L	100
9) Trichlorofluoromethane	1.77	101	192146	5.07 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	116868	5.13 ug/L	100
12) 1,1-Dichloroethene	2.14	96	110032	5.01 ug/L	96
13) Acetone	2.22	43	141189	47.13 ug/L	99
14) Carbon disulfide	2.32	76	358733	4.94 ug/L	100
15) Methyl Acetate	2.47	43	37263	4.98 ug/L	100
16) Methylene chloride	2.54	84	118766	4.58 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	244085	4.94 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	121582	4.99 ug/L	100
19) 1,1-Dichloroethane	3.23	63	206696	4.70 ug/L	100
21) 2-Butanone	4.06	43	270229	50.17 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	128136	4.89 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	56468	4.97	ug/L	96
25) Chloroform	4.43	83	227906	4.97	ug/L	99
27) 1,2-Dichloroethane	5.19	62	129926	4.99	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	196444	5.11	ug/L	99
30) Cyclohexane	4.72	56	188520	5.03	ug/L	96
31) Carbon tetrachloride	4.87	117	171754	5.15	ug/L	99
33) Benzene	5.15	78	527363	5.24	ug/L	100
34) Trichloroethene	5.96	95	125802	5.09	ug/L	99
35) Methylcyclohexane	6.18	83	204850	5.21	ug/L	100
37) 1,2-Dichloropropane	6.22	63	130394	5.02	ug/L	100
38) Bromodichloromethane	6.56	83	153005	5.04	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	164362	5.02	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	624660	52.92	ug/L	100
42) Toluene	7.43	91	536505	5.34	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	136847	5.10	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	87049	5.10	ug/L	97
47) Tetrachloroethene	8.02	164	108040	5.07	ug/L	100
48) 2-Hexanone	8.20	43	468385	55.60	ug/L	98
49) Dibromochloromethane	8.30	129	100395	5.11	ug/L	96
50) 1,2-Dibromoethane	8.40	107	77276	5.11	ug/L	99
51) Chlorobenzene	8.93	112	335894	5.12	ug/L	99
52) Ethylbenzene	9.06	91	528070	5.22	ug/L	99
53) m,p-xylene	9.19	106	206899	5.28	ug/L	98
54) o-xylene	9.59	106	189007	5.18	ug/L	97
55) Styrene	9.61	104	352883	5.56	ug/L	98
56) Isopropylbenzene	9.98	105	502298	5.33	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	102173	5.04	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	70764	5.00	ug/L	100
61) Bromoform	9.78	173	52931	4.82	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	236526	5.10	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	248873	5.13	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	236740	5.20	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14172	4.97	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	189907	5.08	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	143816	4.91	ug/L	100
69) Naphthalene	13.56	128	197398	4.81	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	138582	5.02	ug/L	99

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

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