

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008585.D
 Acq On : 16 Nov 2018 16:58
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Nov 17 04:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 04:38:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35754	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.59	69	28839	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	73623	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.98	46	125475	47.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.41	84	97866	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	50196	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	194371	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	61319	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	184165	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	23988	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	107947	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43027	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	63739	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	71042	5.135	ug/L 98
3) Chloromethane	1.25	50	55793	4.825	ug/L 99
5) Vinyl chloride	1.32	62	54460	5.131	ug/L 99
6) Bromomethane	1.54	94	32403	4.895	ug/L 92
8) Chloroethane	1.60	64	31692	5.096	ug/L 99
9) Trichlorofluoromethane	1.77	101	77283	5.283	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43734	5.124	ug/L 98
12) 1,1-Dichloroethene	2.14	96	38905	5.000	ug/L 96
13) Acetone	2.24	43	72114	51.838	ug/L 99
14) Carbon disulfide	2.32	76	125020	5.148	ug/L 99
15) Methyl Acetate	2.48	43	18504	5.316	ug/L 95
16) Methylene chloride	2.54	84	42641	4.501	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	101626	4.908	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	43142	5.108	ug/L 98
19) 1,1-Dichloroethane	3.23	63	108945	5.097	ug/L 98
21) 2-Butanone	4.06	43	156584	50.273	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	63894	5.012	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	25396	5.177	ug/L	95
25) Chloroform	4.43	83	115817	4.290	ug/L	100
27) 1,2-Dichloroethane	5.19	62	65821	4.886	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	96951	5.091	ug/L	99
30) Cyclohexane	4.72	56	108279	5.112	ug/L	99
31) Carbon tetrachloride	4.87	117	83663	5.166	ug/L	99
33) Benzene	5.15	78	241587	5.051	ug/L	100
34) Trichloroethene	5.96	95	64850	5.130	ug/L	98
35) Methylcyclohexane	6.18	83	112474	5.255	ug/L	99
37) 1,2-Dichloropropane	6.23	63	62790	4.995	ug/L	100
38) Bromodichloromethane	6.56	83	73420	4.787	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	88237	5.222	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	362093	49.213	ug/L	100
42) Toluene	7.43	91	254963	5.116	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	71152	5.169	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	39897	4.987	ug/L	97
47) Tetrachloroethene	8.02	164	47699	5.215	ug/L	97
48) 2-Hexanone	8.19	43	260655	52.487	ug/L	99
49) Dibromochloromethane	8.29	129	46093	5.066	ug/L	97
50) 1,2-Dibromoethane	8.40	107	36782	5.088	ug/L	91
51) Chlorobenzene	8.93	112	158916	5.169	ug/L	98
52) Ethylbenzene	9.06	91	285445	5.203	ug/L	100
53) m,p-xylene	9.18	106	105570	5.206	ug/L	98
54) o-xylene	9.59	106	102822	5.210	ug/L	98
55) Styrene	9.61	104	169646	5.325	ug/L	97
56) Isopropylbenzene	9.98	105	276134	5.211	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	46646	4.940	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	35008	4.910	ug/L	99
61) Bromoform	9.78	173	22454	4.991	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	119205	5.226	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	118617	5.277	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	112919	5.200	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7434	5.350	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.69	180	90410	5.474	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	72709	5.463	ug/L	99
69) Naphthalene	13.56	128	118882	5.498	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	67829	5.524	ug/L	100

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

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