

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082819\
 Data File : VV012436.D
 Acq On : 28 Aug 2019 22:48
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV37

Quant Time: Aug 29 02:26:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 29 02:14:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	244608	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	233682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10324	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	10818	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.14	63	65539	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.97	46	190450	50.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	4.40	84	107425	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	42473	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	129733	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	61830	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	135363	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.66	79	23535	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	142089	51.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64625	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	82168	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	163475	4.666 ug/L	97
3) Chloromethane	1.25	50	135730	4.794 ug/L	100
5) Vinyl chloride	1.32	62	125848	4.809 ug/L	100
6) Bromomethane	1.54	94	67793	4.932 ug/L	99
8) Chloroethane	1.60	64	66700	4.849 ug/L	99
9) Trichlorofluoromethane	1.77	101	175091	4.831 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	83418	4.775 ug/L	98
12) 1,1-Dichloroethene	2.14	96	78478	4.666 ug/L	93
13) Acetone	2.23	43	124232	45.516 ug/L	99
14) Carbon disulfide	2.32	76	240690	4.756 ug/L	99
15) Methyl Acetate	2.47	43	29739	4.554 ug/L	97
16) Methylene chloride	2.53	84	84270	4.657 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	244011	4.832 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	112255	4.815 ug/L	96
19) 1,1-Dichloroethane	3.23	63	220014	4.808 ug/L	99
21) 2-Butanone	4.05	43	295799	51.602 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	121399	4.856 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	51251	4.839	ug/L	95
25) Chloroform	4.42	83	218091	4.565	ug/L	99
27) 1,2-Dichloroethane	5.18	62	131200	4.874	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	183682	4.829	ug/L	98
30) Cyclohexane	4.72	56	198192	5.089	ug/L	99
31) Carbon tetrachloride	4.87	117	163531	4.867	ug/L	98
33) Benzene	5.14	78	479902	4.995	ug/L	100
34) Trichloroethene	5.96	95	119393	4.787	ug/L	99
35) Methylcyclohexane	6.17	83	193346	5.027	ug/L	99
37) 1,2-Dichloropropane	6.22	63	122413	5.004	ug/L	100
38) Bromodichloromethane	6.55	83	151276	4.806	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	161763	5.013	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	730760	52.497	ug/L	100
42) Toluene	7.43	91	501320	5.076	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	123698	4.936	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	78494	4.780	ug/L	99
47) Tetrachloroethene	8.02	164	98826	4.838	ug/L	99
48) 2-Hexanone	8.19	43	519546	54.238	ug/L	100
49) Dibromochloromethane	8.29	129	96572	4.956	ug/L	95
50) 1,2-Dibromoethane	8.40	107	73882	4.996	ug/L	96
51) Chlorobenzene	8.92	112	311134	4.899	ug/L	97
52) Ethylbenzene	9.05	91	546121	5.121	ug/L	99
53) m,p-xylene	9.18	106	207062	5.206	ug/L	97
54) o-xylene	9.59	106	197406	5.153	ug/L	99
55) Styrene	9.60	104	344535	5.378	ug/L	100
56) Isopropylbenzene	9.97	105	528707	5.209	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	95957	4.894	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	68957	4.925	ug/L	100
61) Bromoform	9.77	173	51381	4.610	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	243380	4.844	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	241936	4.816	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	223854	4.770	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	14860	4.544	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	185980	4.779	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	145092	4.788	ug/L	100
69) Naphthalene	13.55	128	220824	4.702	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	140599	4.837	ug/L	100

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

