

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082719\
 Data File : VV012429.D
 Acq On : 27 Aug 2019 15:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Aug 28 08:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 28 07:35:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240882	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	236385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67417	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.58	69	53792	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.00%
11) 1,1-Dichloroethene-d2	2.13	63	132694	6.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	124.00%
20) 2-Butanone-d5	3.96	46	171983	53.01	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.40	84	138135	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	66250	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	263551	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	81489	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	242435	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	28561	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	100583	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55323	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	83348	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97554	4.742	ug/L 99
3) Chloromethane	1.25	50	104628	6.612	ug/L 98
5) Vinyl chloride	1.32	62	105100	6.849	ug/L 98
6) Bromomethane	1.54	94	46305	6.612	ug/L 94
8) Chloroethane	1.60	64	54884	7.125	ug/L 97
9) Trichlorofluoromethane	1.77	101	130651	6.397	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	69569	6.540	ug/L 90
12) 1,1-Dichloroethene	2.14	96	63465	6.568	ug/L 94
13) Acetone	2.22	43	107977	76.926	ug/L 95
14) Carbon disulfide	2.32	76	198501	6.538	ug/L 100
15) Methyl Acetate	2.47	43	27410	7.758	ug/L 95
16) Methylene chloride	2.53	84	69309	6.437	ug/L 90
17) Methyl tert-butyl Ether	2.81	73	153015	5.255	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	74761	5.203	ug/L 98
19) 1,1-Dichloroethane	3.23	63	142861	5.347	ug/L 98
21) 2-Butanone	4.04	43	177326	53.787	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	75171	4.796	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33217	5.097	ug/L	96
25) Chloroform	4.42	83	145416	4.878	ug/L	97
27) 1,2-Dichloroethane	5.18	62	83541	5.311	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	118859	5.033	ug/L	98
30) Cyclohexane	4.72	56	113585	4.656	ug/L	99
31) Carbon tetrachloride	4.87	117	102992	4.931	ug/L	100
33) Benzene	5.14	78	306897	5.092	ug/L	100
34) Trichloroethene	5.96	95	78931	4.852	ug/L	99
35) Methylcyclohexane	6.17	83	115902	4.536	ug/L	98
37) 1,2-Dichloropropane	6.22	63	73593	4.818	ug/L	100
38) Bromodichloromethane	6.55	83	95364	5.061	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	96039	4.677	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	433106	52.786	ug/L	97
42) Toluene	7.43	91	320205	5.201	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	76702	4.938	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	52080	5.263	ug/L	99
47) Tetrachloroethene	8.02	164	66642	5.077	ug/L	98
48) 2-Hexanone	8.19	43	318514	53.952	ug/L	98
49) Dibromochloromethane	8.29	129	59321	5.003	ug/L	97
50) 1,2-Dibromoethane	8.40	107	46423	4.962	ug/L	94
51) Chlorobenzene	8.92	112	196762	4.891	ug/L	99
52) Ethylbenzene	9.05	91	319763	4.825	ug/L	99
53) m,p-xylene	9.18	106	121828	4.903	ug/L	98
54) o-xylene	9.59	106	116302	4.919	ug/L	98
55) Styrene	9.60	104	201442	5.093	ug/L	96
56) Isopropylbenzene	9.97	105	308084	4.869	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	51679	4.865	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	42394	5.053	ug/L	99
61) Bromoform	9.77	173	30555	4.581	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	151546	4.799	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	149821	4.737	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	139957	4.820	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	7328	4.402	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	106954	4.424	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	72312	4.291	ug/L	98
69) Naphthalene	13.55	128	84525	3.624	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	68591	4.346	ug/L	97

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

