

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013835.D
 Acq On : 27 Nov 2019 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Nov 28 03:11:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333564	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	320265	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	184308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71547	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.58	69	74750	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	155199	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.92	46	242801	56.57	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	4.40	84	194944	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	97362	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	366941	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.11	67	112361	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	329523	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	41377	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.13	63	195615	55.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90026	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	145793	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	119607	5.384 ug/L	98
3) Chloromethane	1.25	50	94737	4.856 ug/L	100
5) Vinyl chloride	1.32	62	108320	5.436 ug/L	92
6) Bromomethane	1.53	94	47581	4.535 ug/L	99
8) Chloroethane	1.60	64	69155	5.759 ug/L	97
9) Trichlorofluoromethane	1.77	101	180362	5.829 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104473	5.682 ug/L	99
12) 1,1-Dichloroethene	2.14	96	93771	5.847 ug/L	87
13) Acetone	2.18	43	157996	52.643 ug/L #	52
14) Carbon disulfide	2.32	76	200472	5.415 ug/L	97
15) Methyl Acetate	2.46	43	39252	5.842 ug/L	96
16) Methylene chloride	2.53	84	118396	5.390 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	237977	5.422 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	99691	5.505 ug/L	99
19) 1,1-Dichloroethane	3.23	63	207662	5.744 ug/L	100
21) 2-Butanone	4.00	43	261316	57.602 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	121114	5.703 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	52877	5.666	ug/L	96
25) Chloroform	4.42	83	232937	6.078	ug/L	99
27) 1,2-Dichloroethane	5.18	62	125941	5.741	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	189969	5.799	ug/L	99
30) Cyclohexane	4.72	56	139586	5.100	ug/L	98
31) Carbon tetrachloride	4.87	117	164922	5.722	ug/L	100
33) Benzene	5.14	78	440564	5.608	ug/L	100
34) Trichloroethene	5.96	95	121557	5.609	ug/L	98
35) Methylcyclohexane	6.17	83	147149	5.089	ug/L	97
37) 1,2-Dichloropropane	6.22	63	108546	5.376	ug/L	99
38) Bromodichloromethane	6.55	83	155182	5.825	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	146816	5.124	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	612129	51.959	ug/L	99
42) Toluene	7.43	91	466528	5.536	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	116507	5.195	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	79273	5.509	ug/L	94
47) Tetrachloroethene	8.02	164	106298	5.649	ug/L	98
48) 2-Hexanone	8.18	43	439493	52.264	ug/L	99
49) Dibromochloromethane	8.29	129	107919	5.848	ug/L	97
50) 1,2-Dibromoethane	8.39	107	71071	5.454	ug/L	98
51) Chlorobenzene	8.92	112	319378	5.447	ug/L	98
52) Ethylbenzene	9.05	91	519247	5.672	ug/L	98
53) m,p-xylene	9.18	106	201500	5.774	ug/L	99
54) o-xylene	9.58	106	195107	5.727	ug/L	99
55) Styrene	9.60	104	347601	5.909	ug/L	98
56) Isopropylbenzene	9.97	105	536946	5.783	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	93300	5.901	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	70321	5.674	ug/L	99
61) Bromoform	9.77	173	66953	5.772	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	298278	5.571	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	298759	5.482	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	270465	5.443	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	14741	5.105	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	231518	5.119	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	182133	4.910	ug/L	99
69) Naphthalene	13.55	128	218467	4.326	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	176585	5.226	ug/L	97

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

