

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015427.D
 Acq On : 09 Apr 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Apr 10 05:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 04:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30683	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	28614	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	64857	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	3.96	46	103385	58.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.98%
24) Chloroform-d	4.38	84	68947	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	38469	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	129744	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.10	67	41078	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	123594	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.64	79	17786	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.12	63	88302	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32049	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46594	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	59309	4.939 ug/L	99
3) Chloromethane	1.25	50	56542	4.945 ug/L	100
5) Vinyl chloride	1.32	62	54804	4.977 ug/L	100
6) Bromomethane	1.53	94	31857	5.235 ug/L	97
8) Chloroethane	1.59	64	32103	5.027 ug/L	99
9) Trichlorofluoromethane	1.76	101	69847	4.958 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38950	4.895 ug/L	98
12) 1,1-Dichloroethene	2.13	96	37378	4.908 ug/L	98
13) Acetone	2.25	43	68583	54.923 ug/L	99
14) Carbon disulfide	2.31	76	129020	4.860 ug/L	100
15) Methyl Acetate	2.47	43	17627	4.771 ug/L	96
16) Methylene chloride	2.52	84	43291	4.852 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	102944	5.058 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	43531	5.072 ug/L	97
19) 1,1-Dichloroethane	3.21	63	80988	5.006 ug/L	99
21) 2-Butanone	4.03	43	111931	55.469 ug/L #	69
22) cis-1,2-Dichloroethene	3.94	96	45554	5.113 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	19178	5.173	ug/L	95
25) Chloroform	4.41	83	82912	5.008	ug/L	99
27) 1,2-Dichloroethane	5.16	62	55530	5.188	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	75099	4.940	ug/L	99
30) Cyclohexane	4.70	56	78358	4.855	ug/L	99
31) Carbon tetrachloride	4.86	117	64160	4.849	ug/L	100
33) Benzene	5.13	78	174230	4.968	ug/L	100
34) Trichloroethene	5.94	95	47821	5.066	ug/L	99
35) Methylcyclohexane	6.15	83	77038	4.844	ug/L	99
37) 1,2-Dichloropropane	6.20	63	43164	4.963	ug/L	100
38) Bromodichloromethane	6.53	83	56415	4.864	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	65687	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	284246	49.768	ug/L	99
42) Toluene	7.41	91	188336	4.947	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	55240	4.894	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	29252	5.003	ug/L	97
47) Tetrachloroethene	8.00	164	34007	4.863	ug/L	99
48) 2-Hexanone	8.17	43	207746	52.059	ug/L	99
49) Dibromochloromethane	8.27	129	33523	4.786	ug/L	98
50) 1,2-Dibromoethane	8.38	107	27557	4.918	ug/L	97
51) Chlorobenzene	8.90	112	118584	4.886	ug/L	99
52) Ethylbenzene	9.03	91	217641	4.966	ug/L	99
53) m,p-xylene	9.16	106	81592	4.929	ug/L	98
54) o-xylene	9.57	106	79290	4.949	ug/L	100
55) Styrene	9.58	104	134403	4.991	ug/L	99
56) Isopropylbenzene	9.95	105	213964	4.871	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	35869	5.040	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	26589	4.944	ug/L	99
61) Bromoform	9.76	173	16257	4.738	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	93684	4.967	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	94458	4.922	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	85502	4.973	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6632	5.040	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	66890	4.908	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	59552	4.851	ug/L	99
69) Naphthalene	13.53	128	112593	4.868	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	53565	4.940	ug/L	99

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

