

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012820\
 Data File : VV014422.D
 Acq On : 28 Jan 2020 17:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Jan 29 05:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 29 05:25:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	953922	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	869437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	415787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	232079	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.58	69	199034	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.13	63	394313	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.93	46	744829	46.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.90%
24) Chloroform-d	4.40	84	616737	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	276214	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.09	84	1239216	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.11	67	385894	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.35	98	1126459	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	135437	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.13	63	679038	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	257964	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	365421	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	330831	4.600	ug/L 100
3) Chloromethane	1.26	50	310418	4.342	ug/L 97
5) Vinyl chloride	1.32	62	303056	4.539	ug/L 97
6) Bromomethane	1.53	94	139456	3.682	ug/L 96
8) Chloroethane	1.60	64	165984	4.425	ug/L 98
9) Trichlorofluoromethane	1.77	101	377790	4.794	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	204800	4.797	ug/L 95
12) 1,1-Dichloroethene	2.14	96	193620	4.543	ug/L 97
13) Acetone	2.19	43	586032	53.076	ug/L 99
14) Carbon disulfide	2.32	76	744917	3.939	ug/L 98
15) Methyl Acetate	2.46	43	100747	3.920	ug/L 97
16) Methylene chloride	2.54	84	339522	4.894	ug/L 95
17) Methyl tert-butyl Ether	2.80	73	626995	3.975	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	284296	4.438	ug/L 96
19) 1,1-Dichloroethane	3.23	63	553294	4.407	ug/L 99
21) 2-Butanone	4.01	43	806513	48.696	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	323814	4.611	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	118724	4.447	ug/L	92
25) Chloroform	4.42	83	551037	4.584	ug/L	97
27) 1,2-Dichloroethane	5.17	62	294300	4.092	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	455163	4.398	ug/L	99
30) Cyclohexane	4.72	56	522453	4.572	ug/L	98
31) Carbon tetrachloride	4.87	117	386928	4.366	ug/L	99
33) Benzene	5.14	78	1239492	4.629	ug/L	100
34) Trichloroethene	5.95	95	317202	4.610	ug/L	99
35) Methylcyclohexane	6.17	83	529064	4.703	ug/L	99
37) 1,2-Dichloropropane	6.22	63	305461	4.520	ug/L	99
38) Bromodichloromethane	6.55	83	376165	4.316	ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	448443	4.098	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	1721851	40.416	ug/L	99
42) Toluene	7.42	91	1306938	4.624	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	328615	3.911	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	194155	4.497	ug/L	99
47) Tetrachloroethene	8.01	164	224129	4.768	ug/L	98
48) 2-Hexanone	8.18	43	1411464	47.898	ug/L	99
49) Dibromochloromethane	8.28	129	232351	4.257	ug/L	97
50) 1,2-Dibromoethane	8.39	107	177029	4.234	ug/L	98
51) Chlorobenzene	8.92	112	808832	4.653	ug/L	99
52) Ethylbenzene	9.05	91	1461787	4.623	ug/L	99
53) m,p-xylene	9.18	106	544972	4.672	ug/L	97
54) o-xylene	9.58	106	537852	4.689	ug/L	100
55) Styrene	9.60	104	869477	4.475	ug/L	98
56) Isopropylbenzene	9.97	105	1429290	4.777	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	236529	4.443	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	167182	4.151	ug/L	100
61) Bromoform	9.77	173	110194	3.910	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	615612	4.736	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	612301	4.737	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	549878	4.684	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	39553	3.666	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	460405	4.871	ug/L	96
68) 1,2,4-trichlorobenzene	13.30	180	374136	4.513	ug/L	99
69) Naphthalene	13.54	128	690855	4.101	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	323880	4.439	ug/L	97

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

