

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
 Data File : VX018787.D
 Acq On : 06 Oct 2020 00:42
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00594

Quant Time: Oct 06 06:07:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 05:58:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	134347	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	127801	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	66432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33601	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.70	69	29845	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.34	63	74763	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.56	46	115986	56.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	5.13	84	88273	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	6.03	65	51839	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	6.05	84	155806	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	7.37	67	47924	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	8.70	98	143865	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	8.99	79	21858	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
48) 2-Hexanone-d5	9.43	63	96544	58.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.62%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40031	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	58444	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39998	4.435	ug/L 98
3) Chloromethane	1.31	50	33850	5.209	ug/L 97
5) Vinyl chloride	1.39	62	36389	5.020	ug/L 98
6) Bromomethane	1.64	94	19977	4.651	ug/L 99
8) Chloroethane	1.71	64	22969	5.224	ug/L 94
9) Trichlorofluoromethane	1.92	101	67616	4.371	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	35608	4.720	ug/L 98
12) 1,1-Dichloroethene	2.35	96	33936	5.071	ug/L 82
13) Acetone	2.46	43	54651	48.629	ug/L 96
14) Carbon disulfide	2.55	76	101319	4.838	ug/L 98
15) Methyl Acetate	2.76	43	14023	5.077	ug/L 97
16) Methylene chloride	2.84	84	36432	4.490	ug/L 92
17) Methyl tert-butyl Ether	3.17	73	84496	4.895	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	35183	4.910	ug/L 98
19) 1,1-Dichloroethane	3.67	63	65550	5.146	ug/L 97
21) 2-Butanone	4.67	43	88307	53.976	ug/L 96
22) cis-1,2-Dichloroethene	4.57	96	36981	5.004	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	18122	4.837	ug/L	90
25) Chloroform	5.18	83	69681	4.787	ug/L	96
27) 1,2-Dichloroethane	6.16	62	48069	4.545	ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	68680	4.543	ug/L	99
30) Cyclohexane	5.55	56	53074	5.061	ug/L	98
31) Carbon tetrachloride	5.76	117	62473	4.480	ug/L	95
33) Benzene	6.11	78	142064	5.308	ug/L	100
34) Trichloroethene	7.18	95	39261	4.969	ug/L	98
35) Methylcyclohexane	7.44	83	54166	4.838	ug/L	97
37) 1,2-Dichloropropane	7.49	63	34935	5.211	ug/L	100
38) Bromodichloromethane	7.88	83	49713	4.649	ug/L	96
39) cis-1,3-Dichloropropene	8.41	75	51658	4.827	ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	211573	54.471	ug/L	100
42) Toluene	8.76	91	155586	5.313	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	134860	4.866	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	140215	4.984	ug/L	97
46) trans-1,3-Dichloropropene	9.02	75	47144	4.771	ug/L	93
47) 1,1,2-Trichloroethane	9.20	97	26539	5.245	ug/L	95
49) Tetrachloroethene	9.32	164	33580	4.861	ug/L	92
50) 2-Hexanone	9.48	43	155068	54.969	ug/L	97
51) Dibromochloromethane	9.57	129	35208	4.788	ug/L	96
52) 1,2-Dibromoethane	9.65	107	25213	4.929	ug/L #	97
53) Chlorobenzene	10.12	112	102307	5.107	ug/L	98
54) Ethylbenzene	10.24	91	166694	5.078	ug/L	94
55) m,p-xylene	10.34	106	63518	4.960	ug/L	99
56) o-xylene	10.68	106	61261	5.177	ug/L	96
57) Styrene	10.69	104	105482	5.225	ug/L	92
58) Isopropylbenzene	11.00	105	170280	5.140	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	30253	5.394	ug/L #	93
62) Bromoform	10.84	173	20240	4.610	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	83950	5.199	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	82097	5.098	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	74562	4.946	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	5717	4.450	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	58197	4.683	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	48609	4.711	ug/L	99
70) Naphthalene	13.82	128	83161	4.931	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	44745	4.820	ug/L	96

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

