

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
 Data File : VX018728.D
 Acq On : 01 Oct 2020 16:33
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00589

Quant Time: Oct 02 08:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	207406	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	199654	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	105492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65647	6.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.00%
7) Chloroethane-d5	1.70	69	47945	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.34	63	139242	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	4.57	46	164468	59.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.86%
24) Chloroform-d	5.14	84	145255	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	6.03	65	85198	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	6.05	84	247869	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	7.37	67	70986	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	241606	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
45) trans-1,3-Dichloropropene-	8.99	79	37993	6.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.60%
48) 2-Hexanone-d5	9.43	63	135773	60.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58883	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	97204	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	68560	5.462	ug/L	98
3) Chloromethane	1.31	50	51133	4.770	ug/L	97
5) Vinyl chloride	1.39	62	57287	5.101	ug/L	98
6) Bromomethane	1.64	94	34196	5.094	ug/L	98
8) Chloroethane	1.72	64	33379	5.405	ug/L	94
9) Trichlorofluoromethane	1.92	101	114541	5.889	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	56262	5.269	ug/L	99
12) 1,1-Dichloroethene	2.36	96	50472	4.985	ug/L	92
13) Acetone	2.46	43	82489	53.850	ug/L	93
14) Carbon disulfide	2.55	76	158245	5.140	ug/L	99
15) Methyl Acetate	2.76	43	17784	4.194	ug/L	99
16) Methylene chloride	2.83	84	55912	4.041	ug/L	95
17) Methyl tert-butyl Ether	3.17	73	126679	5.621	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	52262	5.164	ug/L	96
19) 1,1-Dichloroethane	3.67	63	94695	5.217	ug/L	97
21) 2-Butanone	4.67	43	123748	50.896	ug/L	88
22) cis-1,2-Dichloroethene	4.56	96	53384	5.055	ug/L #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	26525	5.239	ug/L	87
25) Chloroform	5.18	83	108297	5.459	ug/L	86
27) 1,2-Dichloroethane	6.16	62	76855	6.124	ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	109298	5.747	ug/L	99
30) Cyclohexane	5.55	56	76911	5.084	ug/L	98
31) Carbon tetrachloride	5.75	117	99492	5.674	ug/L	96
33) Benzene	6.12	78	204118	5.303	ug/L	100
34) Trichloroethene	7.19	95	60841	5.462	ug/L	91
35) Methylcyclohexane	7.44	83	80881	5.220	ug/L	93
37) 1,2-Dichloropropane	7.49	63	47973	4.670	ug/L	97
38) Bromodichloromethane	7.88	83	77018	5.554	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	76466	5.249	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	303230	53.264	ug/L	99
42) Toluene	8.77	91	223549	5.376	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	209216	5.755	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	212417	5.841	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	73719	5.549	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	37393	5.073	ug/L	93
49) Tetrachloroethene	9.32	164	51922	5.921	ug/L	91
50) 2-Hexanone	9.48	43	224445	55.699	ug/L	99
51) Dibromochloromethane	9.57	129	55452	5.749	ug/L	100
52) 1,2-Dibromoethane	9.65	107	36612	5.332	ug/L #	89
53) Chlorobenzene	10.12	112	145964	5.314	ug/L	97
54) Ethylbenzene	10.23	91	248544	5.488	ug/L	96
55) m,p-xylene	10.34	106	95947	5.540	ug/L	91
56) o-xylene	10.68	106	91696	5.604	ug/L	91
57) Styrene	10.70	104	152269	5.636	ug/L	92
58) Isopropylbenzene	11.00	105	258448	5.891	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.25	83	43712	5.251	ug/L #	95
62) Bromoform	10.84	173	32549	5.795	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	122713	5.351	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	125639	5.424	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	116010	5.430	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.99	75	9407	5.178	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	93549	5.433	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	78298	5.548	ug/L	99
70) Naphthalene	13.82	128	127394	5.340	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	70099	5.496	ug/L	97

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

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