

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018619.D
 Acq On : 28 Sep 2020 16:17
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00581

Quant Time: Sep 29 01:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:54:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	281933	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	268648	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	140459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68697	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.70	69	58230	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.34	63	161090	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.56	46	192102	51.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	5.14	84	166982	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	6.03	65	89868	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	6.04	84	303000	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	91986	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	8.70	98	291246	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloropropene-	8.99	79	39753	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	160396	53.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.60%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	70418	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	111451	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	89519	5.247	ug/L	97
3) Chloromethane	1.31	50	74909	5.140	ug/L	93
5) Vinyl chloride	1.39	62	76642	5.021	ug/L	100
6) Bromomethane	1.64	94	46595	5.106	ug/L	96
8) Chloroethane	1.72	64	46133	5.496	ug/L	96
9) Trichlorofluoromethane	1.92	101	137105	5.185	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	80194	5.525	ug/L	95
12) 1,1-Dichloroethene	2.36	96	69471	5.047	ug/L	90
13) Acetone	2.46	43	113784	54.645	ug/L	98
14) Carbon disulfide	2.55	76	211630	5.057	ug/L	99
15) Methyl Acetate	2.75	43	28041	4.865	ug/L	99
16) Methylene chloride	2.83	84	75769	4.029	ug/L	86
17) Methyl tert-butyl Ether	3.17	73	168239	5.492	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	69982	5.087	ug/L	97
19) 1,1-Dichloroethane	3.67	63	129006	5.229	ug/L	96
21) 2-Butanone	4.65	43	181187	54.821	ug/L #	58
22) cis-1,2-Dichloroethene	4.56	96	73266	5.104	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	35040	5.091	ug/L	90
25) Chloroform	5.17	83	137903	5.114	ug/L	90
27) 1,2-Dichloroethane	6.16	62	90846	5.326	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	132417	5.175	ug/L	97
30) Cyclohexane	5.54	56	108546	5.333	ug/L	96
31) Carbon tetrachloride	5.75	117	124440	5.274	ug/L	99
33) Benzene	6.10	78	277588	5.359	ug/L	100
34) Trichloroethene	7.18	95	78284	5.223	ug/L	94
35) Methylcyclohexane	7.44	83	114780	5.506	ug/L	94
37) 1,2-Dichloropropane	7.49	63	70168	5.077	ug/L	98
38) Bromodichloromethane	7.87	83	98813	5.296	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	104803	5.347	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	434355	56.702	ug/L	99
42) Toluene	8.76	91	304539	5.443	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	270844	5.537	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	276122	5.642	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	91834	5.137	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	51350	5.178	ug/L	93
49) Tetrachloroethene	9.32	164	64641	5.478	ug/L	93
50) 2-Hexanone	9.48	43	321441	59.284	ug/L	99
51) Dibromochloromethane	9.56	129	69011	5.318	ug/L	95
52) 1,2-Dibromoethane	9.65	107	49382	5.345	ug/L	99
53) Chlorobenzene	10.12	112	196705	5.322	ug/L	95
54) Ethylbenzene	10.23	91	327149	5.368	ug/L	98
55) m,p-xylene	10.34	106	126979	5.449	ug/L	98
56) o-xylene	10.68	106	121293	5.509	ug/L	87
57) Styrene	10.70	104	203910	5.610	ug/L	98
58) Isopropylbenzene	11.00	105	327607	5.549	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	60111	5.367	ug/L #	92
62) Bromoform	10.84	173	41352	5.530	ug/L	95
63) 1,3-Dichlorobenzene	12.01	146	161123	5.277	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	161222	5.227	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	152003	5.343	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	11653	4.818	ug/L	87
68) 1,3,5-Trichlorobenzene	13.15	180	120946	5.276	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	103164	5.490	ug/L	98
70) Naphthalene	13.82	128	169374	5.332	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	90221	5.313	ug/L	94

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

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