

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
 Data File : VV032187.D
 Acq On : 29 Sep 2023 12:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV203

Quant Time: Sep 30 04:30:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:24:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51171	5.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.400%
7) Chloroethane-d5	1.532	69	41894	5.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.060	65	20516	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.800%
20) 2-Butanone-d5	3.822	46	122667	54.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	4.249	84	89925	5.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	4.947	65	42228	5.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	4.960	84	180041	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	5.992	67	56010	5.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.246	98	164817	5.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
43) trans-1,3-Dichloroprop...	7.558	79	22081	6.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.600%
46) 2-Hexanone-d5	8.030	63	101812	59.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.120%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41196	5.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	59028	5.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	64508	5.262	ug/L	99
3) Chloromethane	1.217	50	62933	5.092	ug/L	99
5) Vinyl chloride	1.281	62	59810	5.074	ug/L	99
6) Bromomethane	1.487	94	36912	5.184	ug/L	98
8) Chloroethane	1.552	64	36498	5.143	ug/L	99
9) Trichlorofluoromethane	1.716	101	73372	5.190	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44507	5.196	ug/L	98
12) 1,1-Dichloroethene	2.069	96	41953	5.200	ug/L	97
13) Acetone	2.153	43	90643	51.959	ug/L	95
14) Carbon disulfide	2.240	76	146671	5.200	ug/L	100
15) Methyl Acetate	2.388	43	20519	5.225	ug/L	100
16) Methylene chloride	2.449	84	52137	4.956	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	113542	5.169	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	47264	5.114	ug/L	98
19) 1,1-Dichloroethane	3.114	63	88218	5.074	ug/L	98
21) 2-Butanone	3.902	43	135801	49.779	ug/L	93
22) cis-1,2-Dichloroethene	3.815	96	51732	5.199	ug/L	97
23) Bromochloromethane	4.149	128	21467	5.128	ug/L	95
25) Chloroform	4.278	83	85894	5.035	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50352	4.997	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	73212	5.077	ug/L	98
30) Cyclohexane	4.584	56	81190	5.124	ug/L	100
31) Carbon tetrachloride	4.735	117	62245	5.101	ug/L	99
33) Benzene	5.011	78	193880	5.192	ug/L	100
34) Trichloroethene	5.834	95	53374	5.236	ug/L	96
35) Methylcyclohexane	6.050	83	84872	5.380	ug/L	98
37) 1,2-Dichloropropane	6.095	63	50877	5.095	ug/L	99
38) Bromodichloromethane	6.436	83	61591	5.190	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	77030	5.420	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	328660	52.005	ug/L	99
42) Toluene	7.317	91	207698	5.218	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	60643	5.192	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	34991	4.967	ug/L	98
47) Tetrachloroethene	7.908	164	38753	5.013	ug/L	97
48) 2-Hexanone	8.082	43	237606	53.288	ug/L	99
49) Dibromochloromethane	8.178	129	38676	5.273	ug/L	99
50) 1,2-Dibromoethane	8.284	107	33571	5.038	ug/L	92
51) Chlorobenzene	8.815	112	129009	5.034	ug/L	97
52) Ethylbenzene	8.947	91	226116	5.101	ug/L	100
53) m,p-Xylene	9.075	106	84238	5.124	ug/L	96
54) o-Xylene	9.480	106	81824	5.165	ug/L	100
55) Styrene	9.500	104	140686	5.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	39484	5.094	ug/L	99
59) Bromoform	9.670	173	21485	5.274	ug/L	99
60) Isopropylbenzene	9.870	105	222549	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29895	5.014	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	182601	5.146	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	182338	5.162	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	103740	4.988	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	104471	5.007	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	96780	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5980	4.909	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	76449	5.019	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	68120	5.042	ug/L	98
71) Naphthalene	13.442	128	133864	5.833	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	61402	5.275	ug/L	98

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

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