

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028069.D
 Acq On : 22 Sep 2022 19:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV251

Quant Time: Sep 23 04:33:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	193812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	191788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	105441	5.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 105.000%	
7) Chloroethane-d5	1.561	69	85158	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	2.101	63	177912	5.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.200%	
20) 2-Butanone-d5	3.886	46	155993	45.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 91.980%	
24) Chloroform-d	4.342	84	163498	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.000%	
26) 1,2-Dichloroethane-d4	5.027	65	78619	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.000%	
32) Benzene-d6	5.043	84	324780	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	94211	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 96.200%	
41) Toluene-d8	7.310	98	308849	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
43) trans-1,3-Dichloroprop...	7.619	79	38146	5.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.800%	
46) 2-Hexanone-d5	8.085	63	164869	55.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 111.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72591	5.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	102654	5.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	71645	4.949	ug/L	94
3) Chloromethane	1.236	50	72719	3.793	ug/L	97
5) Vinyl chloride	1.304	62	78418	5.218	ug/L	99
6) Bromomethane	1.516	94	48501	4.955	ug/L	97
8) Chloroethane	1.580	64	52447	5.204	ug/L	97
9) Trichlorofluoromethane	1.748	101	125713	5.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	69820	5.077	ug/L	99
12) 1,1-Dichloroethene	2.111	96	63000	4.704	ug/L	95
13) Acetone	2.172	43	93285	35.702	ug/L	99
14) Carbon disulfide	2.285	76	128009	4.980	ug/L	99
15) Methyl Acetate	2.433	43	29480	5.812	ug/L	98
16) Methylene chloride	2.500	84	72086	4.821	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	147450	5.118	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	60558	5.165	ug/L	98
19) 1,1-Dichloroethane	3.182	63	127616	4.989	ug/L	98
21) 2-Butanone	3.969	43	131494	40.649	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	70361	4.573	ug/L	98
23) Bromochloromethane	4.243	128	31645	5.137	ug/L	86
25) Chloroform	4.368	83	136446	4.971	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	73120	4.996	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	116565	4.947	ug/L	98
30) Cyclohexane	4.670	56	82670	4.851	ug/L	93
31) Carbon tetrachloride	4.818	117	97582	5.032	ug/L	98
33) Benzene	5.092	78	270203	5.073	ug/L	100
34) Trichloroethene	5.908	95	65316	4.927	ug/L	96
35) Methylcyclohexane	6.124	83	90504	4.978	ug/L	96
37) 1,2-Dichloropropane	6.169	63	66628	4.463	ug/L	99
38) Bromodichloromethane	6.503	83	94299	5.116	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	98259	5.298	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	420431	57.988	ug/L	98
42) Toluene	7.384	91	295746	5.324	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85578	5.365	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	52071	5.203	ug/L	97
47) Tetrachloroethene	7.972	164	52912	5.000	ug/L	99
48) 2-Hexanone	8.136	43	306547	55.695	ug/L	100
49) Dibromochloromethane	8.243	129	61803	5.136	ug/L	99
50) 1,2-Dibromoethane	8.349	107	43926	5.050	ug/L	96
51) Chlorobenzene	8.879	112	191963	5.152	ug/L	100
52) Ethylbenzene	9.008	91	302049	5.139	ug/L	99
53) m,p-Xylene	9.136	106	116954	5.193	ug/L	98
54) o-Xylene	9.538	106	114408	5.144	ug/L	97
55) Styrene	9.558	104	205901	5.343	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	63059	5.408	ug/L	98
59) Bromoform	9.728	173	33922	5.322	ug/L	99
60) Isopropylbenzene	9.927	105	308093	5.228	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46129	5.479	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	81713	4.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	232653	5.014	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	153077	5.221	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	153629	5.237	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	143208	5.170	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9911	5.370	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	116746	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	91698	4.940	ug/L	99
71) Naphthalene	13.500	128	150775	4.961	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	85062	5.067	ug/L	99

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

