

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072922\
 Data File : U050025.D
 Acq On : 29 Jul 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: Jul 30 01:38:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	94100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91057	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34574	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.913	69	29110	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.565	65	12498	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.639	46	106395	59.157	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.320%
24) Chloroform-d	5.064	84	66883	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.703	65	34845	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.729	84	128906	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.694	67	43924	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.899	98	113999	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.179	79	16538	5.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.636	63	64879	56.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41084	5.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	37850	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36410	5.013	ug/L	99
3) Chloromethane	1.520	50	40882	4.751	ug/L	98
5) Vinyl chloride	1.601	62	40740	5.037	ug/L	99
6) Bromomethane	1.858	94	23827	5.322	ug/L	96
8) Chloroethane	1.932	64	23764	5.182	ug/L	97
9) Trichlorofluoromethane	2.138	101	50165	5.266	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28936	5.159	ug/L	99
12) 1,1-Dichloroethene	2.578	96	26343	5.072	ug/L	98
13) Acetone	2.649	43	67042	53.033	ug/L	98
14) Carbon disulfide	2.790	76	71824	4.553	ug/L	100
15) Methyl Acetate	2.961	43	14939	5.696	ug/L	95
16) Methylene chloride	3.044	84	39041	4.889	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	77869	5.364	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	28994	5.079	ug/L	97
19) 1,1-Dichloroethane	3.871	63	61195	5.226	ug/L	95
21) 2-Butanone	4.716	43	109102	59.921	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	35380	5.185	ug/L	99
23) Bromochloromethane	4.977	128	17056	5.459	ug/L	95
25) Chloroform	5.089	83	66167	5.042	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	39589	5.406	ug/L	100
29) 1,1,1-Trichloroethane	5.318	97	50315	5.204	ug/L	99
30) Cyclohexane	5.388	56	40485	4.961	ug/L	99
31) Carbon tetrachloride	5.527	117	40904	5.208	ug/L	99
33) Benzene	5.774	78	140563	5.289	ug/L	100
34) Trichloroethene	6.543	95	33574	5.197	ug/L	98
35) Methylcyclohexane	6.764	83	41996	4.929	ug/L	98
37) 1,2-Dichloropropane	6.793	63	38932	5.315	ug/L	99
38) Bromodichloromethane	7.105	83	47271	5.334	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	50937	5.374	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	241548	57.078	ug/L	100
42) Toluene	7.970	91	144367	5.342	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43314	5.442	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	30265	5.530	ug/L	95
47) Tetrachloroethene	8.555	164	23978	5.157	ug/L	96
48) 2-Hexanone	8.687	43	188562	58.451	ug/L	96
49) Dibromochloromethane	8.813	129	33310	5.562	ug/L	100
50) 1,2-Dibromoethane	8.925	107	27130	5.583	ug/L #	95
51) Chlorobenzene	9.449	112	89124	5.195	ug/L	99
52) Ethylbenzene	9.571	91	139311	5.263	ug/L	99
53) m,p-Xylene	9.694	106	52270	5.185	ug/L	99
54) o-Xylene	10.102	106	52558	5.378	ug/L	96
55) Styrene	10.115	104	89845	5.397	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	40621	5.702	ug/L	97
59) Bromoform	10.292	173	19220	5.546	ug/L	100
60) Isopropylbenzene	10.485	105	130106	5.108	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27758	5.543	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	102604	4.958	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	101516	5.062	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	63684	5.221	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	62346	5.166	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	63041	5.202	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5710	5.773	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.221	180	44383	5.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	33287	4.745	ug/L	98
71) Naphthalene	14.089	128	62636	4.503	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	33928	4.873	ug/L	99

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

