

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090123\
 Data File : VU055035.D
 Acq On : 01 Sep 2023 12:11
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Sep 01 23:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41296	4.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.908	69	45335	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.563	65	22977	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.628	46	122897	46.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.140%
24) Chloroform-d	5.062	84	111431	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.702	65	54713	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	221515	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.689	67	68917	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.898	98	204598	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.181	79	19626	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.634	63	75948	44.346	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49167	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	69327	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60965	5.406	ug/L	99
3) Chloromethane	1.515	50	58588	5.104	ug/L	98
5) Vinyl chloride	1.602	62	63033	5.205	ug/L	98
6) Bromomethane	1.853	94	36170	4.952	ug/L	98
8) Chloroethane	1.930	64	40301	5.111	ug/L	99
9) Trichlorofluoromethane	2.136	101	91127	5.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54700	5.338	ug/L	98
12) 1,1-Dichloroethene	2.576	96	45657	5.089	ug/L	97
13) Acetone	2.634	43	88192	49.858	ug/L	98
14) Carbon disulfide	2.789	76	113046	5.146	ug/L	99
15) Methyl Acetate	2.953	43	18932	5.229	ug/L	97
16) Methylene chloride	3.043	84	63068	4.601	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	121525	5.165	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	46384	5.096	ug/L	95
19) 1,1-Dichloroethane	3.866	63	102905	5.231	ug/L	97
21) 2-Butanone	4.708	43	136160	52.391	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	57101	5.125	ug/L	94
23) Bromochloromethane	4.972	128	24011	5.240	ug/L	93
25) Chloroform	5.084	83	108855	5.313	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	63721	5.096	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	89738	5.317	ug/L	99
30) Cyclohexane	5.387	56	79459	5.294	ug/L	100
31) Carbon tetrachloride	5.522	117	73193	5.215	ug/L	97
33) Benzene	5.772	78	217848	5.246	ug/L	100
34) Trichloroethene	6.541	95	59859	5.187	ug/L	98
35) Methylcyclohexane	6.759	83	85138	5.258	ug/L	98
37) 1,2-Dichloropropane	6.788	63	58757	5.197	ug/L	98
38) Bromodichloromethane	7.104	83	69860	5.176	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	79893	5.196	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	325461	50.467	ug/L	99
42) Toluene	7.968	91	232239	5.246	ug/L	96
44) trans-1,3-Dichloropropene	8.210	75	64336	5.330	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	39903	5.240	ug/L	96
47) Tetrachloroethene	8.550	164	41992	5.265	ug/L	97
48) 2-Hexanone	8.682	43	241687	47.846	ug/L	99
49) Dibromochloromethane	8.804	129	42251	5.083	ug/L	96
50) 1,2-Dibromoethane	8.923	107	37444	5.400	ug/L #	90
51) Chlorobenzene	9.444	112	144921	4.943	ug/L	97
52) Ethylbenzene	9.566	91	256348	5.176	ug/L	100
53) m,p-Xylene	9.692	106	97115	5.299	ug/L	100
54) o-Xylene	10.097	106	94732	5.253	ug/L	98
55) Styrene	10.113	104	152483	5.120	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	48944	5.160	ug/L	93
59) Bromoform	10.290	173	22649	5.516	ug/L	96
60) Isopropylbenzene	10.483	105	252385	5.266	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	35211	5.163	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	211987	5.317	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	198503	5.052	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	119685	5.202	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	116786	5.093	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	107872	5.001	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	6432	4.895	ug/L	89
69) 1,3,5-Trichlorobenzene	13.219	180	82757	4.760	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	62922	3.860	ug/L	98
71) Naphthalene	14.087	128	100257	3.383	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	55474	3.920	ug/L	99

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

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