

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061396.D
 Acq On : 04 Nov 2024 09:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Nov 05 00:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48355	4.213	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	44884	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	23050	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.628	46	118488	50.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.052	84	112044	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.692	65	54028	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.718	84	222162	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	66567	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	205772	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.174	79	26004	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	104882	47.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52411	5.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	68102	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	58517	5.195	ug/L	100
3) Chloromethane	1.515	50	52309	4.404	ug/L	99
5) Vinyl chloride	1.599	62	61222	4.688	ug/L	99
6) Bromomethane	1.853	94	40679	4.701	ug/L	99
8) Chloroethane	1.930	64	43669	4.542	ug/L	98
9) Trichlorofluoromethane	2.132	101	92491	5.215	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	57754	5.484	ug/L	98
12) 1,1-Dichloroethene	2.573	96	51191	5.125	ug/L	99
13) Acetone	2.647	43	75744	51.323	ug/L	99
14) Carbon disulfide	2.788	76	153534	4.607	ug/L	100
15) Methyl Acetate	2.956	43	18874	5.165	ug/L	97
16) Methylene chloride	3.039	84	60391	5.131	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	139615	5.157	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	56804	5.143	ug/L	96
19) 1,1-Dichloroethane	3.859	63	108873	5.226	ug/L	100
21) 2-Butanone	4.708	43	123290	52.696	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	66301	5.255	ug/L	99
23) Bromochloromethane	4.968	128	29300	5.519	ug/L	96
25) Chloroform	5.078	83	118435	5.407	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70249	5.075	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	99520	5.203	ug/L	99
30) Cyclohexane	5.380	56	95142	4.959	ug/L	100
31) Carbon tetrachloride	5.515	117	86285	5.272	ug/L	99
33) Benzene	5.766	78	254590	5.270	ug/L	100
34) Trichloroethene	6.534	95	67697	5.152	ug/L	99
35) Methylcyclohexane	6.753	83	105459	5.043	ug/L	99
37) 1,2-Dichloropropane	6.782	63	66678	5.446	ug/L	100
38) Bromodichloromethane	7.097	83	81630	5.268	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	98899	5.230	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	316607	51.956	ug/L	99
42) Toluene	7.962	91	277817	5.296	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	79535	5.162	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	48882	5.548	ug/L	99
47) Tetrachloroethene	8.547	164	50215	5.472	ug/L	98
48) 2-Hexanone	8.676	43	217931	50.574	ug/L	98
49) Dibromochloromethane	8.801	129	52205	5.224	ug/L	95
50) 1,2-Dibromoethane	8.917	107	45199	5.280	ug/L	96
51) Chlorobenzene	9.438	112	177161	5.343	ug/L	98
52) Ethylbenzene	9.563	91	304139	5.271	ug/L	99
53) m,p-Xylene	9.685	106	114899	5.227	ug/L	96
54) o-Xylene	10.094	106	111762	5.152	ug/L	99
55) Styrene	10.106	104	181757	5.226	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	57207	5.388	ug/L	99
59) Bromoform	10.283	173	29658	5.257	ug/L	99
60) Isopropylbenzene	10.476	105	300679	5.164	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38928	5.127	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	240510	5.074	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	235211	5.020	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	132652	5.413	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	128925	5.161	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	121282	5.258	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7832	4.913	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	92325	5.496	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	68284	5.037	ug/L	99
71) Naphthalene	14.081	128	92843	4.340	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55720	4.913	ug/L	99

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

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