

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061374.D
 Acq On : 01 Nov 2024 20:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Nov 01 20:36:23 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	164413	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50864	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	57046	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.560	65	21945	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.621	46	114920	50.680	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.360%
24) Chloroform-d	5.052	84	109755	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.692	65	53591	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	219603	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	65509	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.891	98	200052	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	24261	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.624	63	103710	48.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51087	5.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	65234	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	51376	4.687	ug/L	99
3) Chloromethane	1.518	50	50280	4.350	ug/L	100
5) Vinyl chloride	1.599	62	57890	4.555	ug/L	95
6) Bromomethane	1.853	94	50418	5.987	ug/L	96
8) Chloroethane	1.927	64	46510	4.971	ug/L	100
9) Trichlorofluoromethane	2.132	101	83248	4.823	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	47653	4.649	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45923	4.724	ug/L	100
13) Acetone	2.634	43	65888	45.876	ug/L	100
14) Carbon disulfide	2.785	76	130558	4.026	ug/L	99
15) Methyl Acetate	2.952	43	17967	5.052	ug/L	94
16) Methylene chloride	3.036	84	56724	4.952	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	131714	5.000	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	51445	4.786	ug/L	97
19) 1,1-Dichloroethane	3.859	63	100747	4.970	ug/L	99
21) 2-Butanone	4.698	43	115785	50.853	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	61166	4.982	ug/L	98
23) Bromochloromethane	4.965	128	27380	5.300	ug/L	99
25) Chloroform	5.078	83	108028	5.068	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67607	5.019	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	90174	4.869	ug/L	99
30) Cyclohexane	5.380	56	79505	4.280	ug/L	99
31) Carbon tetrachloride	5.515	117	73877	4.662	ug/L	98
33) Benzene	5.766	78	231144	4.942	ug/L	100
34) Trichloroethene	6.534	95	62463	4.909	ug/L	97
35) Methylcyclohexane	6.753	83	86636	4.278	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61115	5.155	ug/L	100
38) Bromodichloromethane	7.097	83	74333	4.954	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	89263	4.875	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	304315	51.572	ug/L	99
42) Toluene	7.962	91	248269	4.888	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	70243	4.708	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	44513	5.217	ug/L	97
47) Tetrachloroethene	8.547	164	43289	4.871	ug/L	99
48) 2-Hexanone	8.676	43	214733	51.462	ug/L	98
49) Dibromochloromethane	8.801	129	47041	4.861	ug/L	98
50) 1,2-Dibromoethane	8.917	107	42178	5.088	ug/L	97
51) Chlorobenzene	9.441	112	162233	5.053	ug/L	98
52) Ethylbenzene	9.563	91	268549	4.806	ug/L	98
53) m,p-Xylene	9.685	106	101738	4.780	ug/L	96
54) o-Xylene	10.094	106	100202	4.770	ug/L	98
55) Styrene	10.106	104	165117	4.903	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	53318	5.186	ug/L	97
59) Bromoform	10.283	173	24849	4.650	ug/L	99
60) Isopropylbenzene	10.476	105	263978	4.787	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37689	5.241	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	209241	4.661	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	207820	4.683	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	116596	5.023	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	115645	4.887	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	108617	4.972	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6963	4.611	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	78893	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	65303	5.086	ug/L	99
71) Naphthalene	14.081	128	102531	5.061	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	57855	5.386	ug/L	97

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

