

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060539.D
 Acq On : 24 Aug 2024 03:14
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

Quant Time: Aug 24 04:41:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100519	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18414	4.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.911	69	25636	3.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.560	65	14713	5.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.400%
20) 2-Butanone-d5	4.631	46	79125	51.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.660%
24) Chloroform-d	5.055	84	63770	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	33086	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.718	84	110716	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.682	67	36702	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	104173	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.174	79	11948	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.628	63	59285	48.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.720%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	30945	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	39273	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	54746	4.799	ug/L	97
3) Chloromethane	1.515	50	43113	4.362	ug/L	98
5) Vinyl chloride	1.602	62	43371	4.457	ug/L	97
6) Bromomethane	1.856	94	29920	3.055	ug/L	98
8) Chloroethane	1.930	64	34807	3.920	ug/L	99
9) Trichlorofluoromethane	2.133	101	101528	4.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50535	5.646	ug/L	98
12) 1,1-Dichloroethene	2.573	96	48571	5.896	ug/L	96
13) Acetone	2.647	43	62469	48.899	ug/L	97
14) Carbon disulfide	2.785	76	110742	4.142	ug/L	100
15) Methyl Acetate	2.956	43	12471	4.774	ug/L #	88
16) Methylene chloride	3.039	84	36771	4.595	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	82075	4.909	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	33674	4.695	ug/L	95
19) 1,1-Dichloroethane	3.859	63	72135	4.963	ug/L	96
21) 2-Butanone	4.711	43	88554	50.688	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	39215	4.907	ug/L	99
23) Bromochloromethane	4.969	128	18523	5.100	ug/L	93
25) Chloroform	5.078	83	74513	4.844	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48345	4.683	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	66126	4.760	ug/L	97
30) Cyclohexane	5.377	56	57313	4.984	ug/L	97
31) Carbon tetrachloride	5.515	117	60303	4.697	ug/L	100
33) Benzene	5.766	78	155356	4.830	ug/L	100
34) Trichloroethene	6.535	95	42315	4.853	ug/L	98
35) Methylcyclohexane	6.756	83	57088	4.772	ug/L	98
37) 1,2-Dichloropropane	6.785	63	42240	5.125	ug/L	99
38) Bromodichloromethane	7.097	83	53032	4.897	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	54854	4.539	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	220232	51.305	ug/L	99
42) Toluene	7.962	91	195530	5.752	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	47574	4.795	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	28662	4.801	ug/L	97
47) Tetrachloroethene	8.547	164	33506	4.688	ug/L	97
48) 2-Hexanone	8.679	43	163624	50.933	ug/L	99
49) Dibromochloromethane	8.801	129	34945	5.055	ug/L	99
50) 1,2-Dibromoethane	8.917	107	27859	5.083	ug/L #	92
51) Chlorobenzene	9.441	112	108265	4.920	ug/L	98
52) Ethylbenzene	9.563	91	178033	4.942	ug/L	100
53) m,p-Xylene	9.685	106	69086	5.159	ug/L	97
54) o-Xylene	10.094	106	65805	4.800	ug/L	96
55) Styrene	10.107	104	112595	5.012	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	36291	4.761	ug/L	99
59) Bromoform	10.284	173	21234	4.782	ug/L	100
60) Isopropylbenzene	10.476	105	175410	4.859	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	26724	5.127	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	137277	5.102	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	134566	4.903	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	84287	4.771	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	85497	4.769	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	79351	4.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6424	5.460	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	77728	5.706	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	64035	5.826	ug/L	97
71) Naphthalene	14.081	128	83024	5.913	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56293	6.120	ug/L	99

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

