

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061957.D
 Acq On : 22 Nov 2024 08:20
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: Nov 22 22:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	126755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61871	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30984	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.907	69	27049	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	13710	5.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.615	46	109918	52.644	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.052	84	81056	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.692	65	41383	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.718	84	135981	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.679	67	47685	5.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.888	98	117086	5.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
43) trans-1,3-Dichloroprop...	8.171	79	17989	5.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.624	63	73775	52.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43670	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	49421	5.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	69369	5.849	ug/L	97
3) Chloromethane	1.515	50	61894	5.063	ug/L	99
5) Vinyl chloride	1.602	62	61778	4.919	ug/L	99
6) Bromomethane	1.850	94	32439	4.339	ug/L	95
8) Chloroethane	1.927	64	34287	4.234	ug/L	97
9) Trichlorofluoromethane	2.133	101	82944	5.221	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51033	5.221	ug/L	95
12) 1,1-Dichloroethene	2.573	96	46014	5.062	ug/L	96
13) Acetone	2.624	43	69186	47.992	ug/L	92
14) Carbon disulfide	2.788	76	141071	4.879	ug/L	99
15) Methyl Acetate	2.946	43	18508	5.000	ug/L	100
16) Methylene chloride	3.036	84	51577	4.725	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	116161	4.986	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	48383	5.035	ug/L	93
19) 1,1-Dichloroethane	3.859	63	92198	4.925	ug/L	100
21) 2-Butanone	4.695	43	116784	50.124	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	54553	5.044	ug/L	99
23) Bromochloromethane	4.965	128	24020	5.109	ug/L	91
25) Chloroform	5.078	83	97240	4.969	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	62697	4.981	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	83923	5.744	ug/L	96
30) Cyclohexane	5.380	56	84756	5.546	ug/L	99
31) Carbon tetrachloride	5.515	117	72317	5.829	ug/L	99
33) Benzene	5.766	78	212913	5.562	ug/L	100
34) Trichloroethene	6.534	95	58421	5.718	ug/L	98
35) Methylcyclohexane	6.753	83	89844	5.749	ug/L	98
37) 1,2-Dichloropropane	6.782	63	56279	5.659	ug/L	99
38) Bromodichloromethane	7.097	83	65464	5.428	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	77141	5.532	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	284178	52.959	ug/L	96
42) Toluene	7.962	91	226819	5.646	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	61869	5.587	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	40762	5.564	ug/L	98
47) Tetrachloroethene	8.547	164	42245	5.685	ug/L	96
48) 2-Hexanone	8.676	43	201894	50.239	ug/L	96
49) Dibromochloromethane	8.801	129	41008	5.298	ug/L	94
50) 1,2-Dibromoethane	8.917	107	37733	5.189	ug/L	97
51) Chlorobenzene	9.438	112	139224	5.060	ug/L	99
52) Ethylbenzene	9.560	91	244533	5.087	ug/L	99
53) m,p-Xylene	9.685	106	92460	5.451	ug/L	100
54) o-Xylene	10.090	106	88678	5.179	ug/L	99
55) Styrene	10.106	104	147319	5.223	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	46762	4.980	ug/L	94
59) Bromoform	10.283	173	22656	4.926	ug/L	99
60) Isopropylbenzene	10.476	105	242156	5.020	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	33547	4.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	197547	5.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	198646	5.177	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107440	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	105897	5.109	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	97385	5.229	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6638	5.438	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	74747	5.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56747	5.810	ug/L	99
71) Naphthalene	14.081	128	78851	5.009	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	47296	5.623	ug/L	99

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

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