

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061490.D
 Acq On : 06 Nov 2024 09:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Nov 07 00:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40885	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	43646	4.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	20413	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	120124	54.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.280%
24) Chloroform-d	5.055	84	103382	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.695	65	51869	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.718	84	207045	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	62432	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	191137	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	22783	4.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.624	63	109223	50.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51486	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	64412	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52137	4.861	ug/L	99
3) Chloromethane	1.518	50	46511	4.112	ug/L	99
5) Vinyl chloride	1.602	62	55939	4.498	ug/L	98
6) Bromomethane	1.853	94	33990	4.125	ug/L	98
8) Chloroethane	1.930	64	44461	4.856	ug/L	99
9) Trichlorofluoromethane	2.133	101	86337	5.111	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52926	5.277	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47352	4.978	ug/L	93
13) Acetone	2.644	43	73680	52.425	ug/L	98
14) Carbon disulfide	2.788	76	125579	3.957	ug/L	100
15) Methyl Acetate	2.952	43	17455	5.016	ug/L	99
16) Methylene chloride	3.039	84	55683	4.968	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	125160	4.855	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	51064	4.855	ug/L	97
19) 1,1-Dichloroethane	3.859	63	101840	5.134	ug/L	99
21) 2-Butanone	4.705	43	119101	53.455	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	62215	5.178	ug/L	97
23) Bromochloromethane	4.968	128	27464	5.433	ug/L	97
25) Chloroform	5.078	83	108707	5.212	ug/L	99

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 VSTD005125

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68000	5.159	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	89651	4.756	ug/L	99
30) Cyclohexane	5.380	56	82555	4.367	ug/L	98
31) Carbon tetrachloride	5.515	117	73874	4.581	ug/L	97
33) Benzene	5.766	78	235954	4.957	ug/L	100
34) Trichloroethene	6.538	95	63374	4.894	ug/L	98
35) Methylcyclohexane	6.756	83	92199	4.474	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61586	5.104	ug/L	99
38) Bromodichloromethane	7.097	83	72446	4.744	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	85358	4.580	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	304683	50.737	ug/L	99
42) Toluene	7.962	91	257697	4.985	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68654	4.521	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	45713	5.265	ug/L	98
47) Tetrachloroethene	8.547	164	46170	5.105	ug/L	97
48) 2-Hexanone	8.679	43	220212	51.858	ug/L	99
49) Dibromochloromethane	8.801	129	46247	4.696	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42504	5.039	ug/L	98
51) Chlorobenzene	9.441	112	164801	5.044	ug/L	98
52) Ethylbenzene	9.563	91	277926	4.888	ug/L	99
53) m,p-Xylene	9.685	106	105767	4.883	ug/L	95
54) o-Xylene	10.094	106	103648	4.848	ug/L	98
55) Styrene	10.107	104	169481	4.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	56488	5.399	ug/L	100
59) Bromoform	10.283	173	24784	4.419	ug/L	98
60) Isopropylbenzene	10.476	105	277745	4.799	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38341	5.080	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	217994	4.626	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	215039	4.617	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	124395	5.107	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	122916	4.950	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	115298	5.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6959	4.391	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	87012	5.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	67562	5.014	ug/L	98
71) Naphthalene	14.081	128	104441	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58252	5.167	ug/L	99

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

