

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061684.D
 Acq On : 14 Nov 2024 20:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Nov 15 03:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51070	4.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.911	69	48745	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	23891	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.628	46	136185	52.797	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	5.052	84	117124	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	57735	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.718	84	227657	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.679	67	69982	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.888	98	209193	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	25501	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	116833	55.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59354	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	73059	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56600	4.049	ug/L	100
3) Chloromethane	1.518	50	61957	4.885	ug/L	100
5) Vinyl chloride	1.602	62	66649	4.762	ug/L	98
6) Bromomethane	1.856	94	37551	4.497	ug/L	99
8) Chloroethane	1.930	64	50839	5.237	ug/L	97
9) Trichlorofluoromethane	2.132	101	85871	4.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49739	4.090	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50916	4.484	ug/L	97
13) Acetone	2.644	43	84900	52.244	ug/L	97
14) Carbon disulfide	2.788	76	148301	4.067	ug/L	99
15) Methyl Acetate	2.952	43	20677	5.093	ug/L	100
16) Methylene chloride	3.039	84	68377	5.226	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	150844	5.420	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	57261	4.598	ug/L	97
19) 1,1-Dichloroethane	3.859	63	113588	5.003	ug/L	99
21) 2-Butanone	4.705	43	141559	53.337	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	70872	5.046	ug/L	97
23) Bromochloromethane	4.965	128	33488	5.368	ug/L	99
25) Chloroform	5.078	83	121820	5.090	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74774	4.979	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	90503	4.449	ug/L	100
30) Cyclohexane	5.380	56	76933	3.786	ug/L	99
31) Carbon tetrachloride	5.515	117	73001	4.213	ug/L	100
33) Benzene	5.766	78	257392	4.757	ug/L	100
34) Trichloroethene	6.534	95	64521	4.416	ug/L	97
35) Methylcyclohexane	6.753	83	82571	3.748	ug/L	99
37) 1,2-Dichloropropane	6.782	63	68591	4.997	ug/L	99
38) Bromodichloromethane	7.097	83	79003	4.797	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	94681	4.847	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	364935	55.449	ug/L	99
42) Toluene	7.962	91	270135	4.637	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	76704	4.950	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	53240	5.320	ug/L	99
47) Tetrachloroethene	8.544	164	45612	4.155	ug/L	98
48) 2-Hexanone	8.679	43	260003	55.251	ug/L	98
49) Dibromochloromethane	8.798	129	52429	4.997	ug/L	96
50) 1,2-Dibromoethane	8.914	107	49339	5.227	ug/L	98
51) Chlorobenzene	9.438	112	171323	4.569	ug/L	99
52) Ethylbenzene	9.563	91	270661	4.362	ug/L	100
53) m,p-Xylene	9.685	106	103149	4.344	ug/L	100
54) o-Xylene	10.090	106	103875	4.501	ug/L	99
55) Styrene	10.106	104	170120	4.630	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	64257	5.277	ug/L	96
59) Bromoform	10.283	173	27522	4.835	ug/L	99
60) Isopropylbenzene	10.476	105	255071	4.277	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44274	5.465	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	198642	4.160	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	200044	4.304	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	123125	4.501	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	121922	4.390	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	118734	4.668	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	7661	5.415	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	80044	4.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63361	4.281	ug/L	99
71) Naphthalene	14.081	128	98228	4.623	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55445	4.463	ug/L	99

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

