

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061062.D
 Acq On : 01 Oct 2024 22:42
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: Oct 02 02:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58132	4.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.911	69	44037	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.563	65	25165	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.631	46	153208	49.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.860%
24) Chloroform-d	5.055	84	106704	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	56886	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	209185	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	69063	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	192468	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	27756	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.624	63	127511	48.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52378	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	62181	4.701	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	44207	5.012	ug/L	99
3) Chloromethane	1.518	50	62277	4.889	ug/L	95
5) Vinyl chloride	1.602	62	64062	5.009	ug/L	99
6) Bromomethane	1.856	94	33305	4.882	ug/L	99
8) Chloroethane	1.930	64	40152	5.176	ug/L	98
9) Trichlorofluoromethane	2.136	101	83784	5.099	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	53333	4.914	ug/L	95
12) 1,1-Dichloroethene	2.576	96	52634	5.036	ug/L	92
13) Acetone	2.650	43	102469	51.407	ug/L	95
14) Carbon disulfide	2.788	76	178455	5.025	ug/L	99
15) Methyl Acetate	2.956	43	24462	5.040	ug/L	100
16) Methylene chloride	3.039	84	61069	5.090	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	154362	5.162	ug/L #	96
18) trans-1,2-Dichloroethene	3.348	96	57943	5.058	ug/L	94
19) 1,1-Dichloroethane	3.859	63	116560	5.229	ug/L	97
21) 2-Butanone	4.708	43	177298	54.031	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	65560	5.138	ug/L	94
23) Bromochloromethane	4.965	128	27258	5.308	ug/L #	88
25) Chloroform	5.078	83	114594	5.132	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77099	5.242	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	99213	4.999	ug/L	97
30) Cyclohexane	5.380	56	107553	4.865	ug/L	95
31) Carbon tetrachloride	5.515	117	83678	4.968	ug/L	99
33) Benzene	5.766	78	256296	5.069	ug/L	100
34) Trichloroethene	6.537	95	66334	4.840	ug/L	97
35) Methylcyclohexane	6.756	83	106231	4.800	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67447	5.062	ug/L #	97
38) Bromodichloromethane	7.097	83	83941	5.039	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	103905	4.974	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	458437	53.719	ug/L	93
42) Toluene	7.962	91	273962	5.086	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	84782	4.908	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	43944	4.977	ug/L	97
47) Tetrachloroethene	8.547	164	44751	5.017	ug/L	96
48) 2-Hexanone	8.676	43	320947	54.244	ug/L	95
49) Dibromochloromethane	8.801	129	53302	5.188	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43792	5.239	ug/L #	97
51) Chlorobenzene	9.441	112	167422	5.103	ug/L	94
52) Ethylbenzene	9.563	91	303735	4.976	ug/L	98
53) m,p-Xylene	9.685	106	111832	5.023	ug/L	88
54) o-Xylene	10.090	106	111488	5.089	ug/L	91
55) Styrene	10.106	104	181985	5.147	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	58374	5.261	ug/L	95
59) Bromoform	10.283	173	29077	5.121	ug/L #	95
60) Isopropylbenzene	10.476	105	275249	4.975	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	41134	5.062	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	243416	4.992	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	246094	5.000	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	121590	5.127	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	123445	5.266	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	113443	5.176	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9305	5.250	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	81337	4.871	ug/L #	95
70) 1,2,4-trichlorobenzene	13.833	180	91674	7.164	ug/L	96
71) Naphthalene	14.081	128	105861	5.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59805	5.616	ug/L	97

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

