

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061064.D
 Acq On : 02 Oct 2024 09:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005099

Quant Time: Oct 03 06:25:06 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	178902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65666	5.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.911	69	49501	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.563	65	28125	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.634	46	160475	52.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	5.055	84	121473	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.695	65	62248	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.721	84	236606	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.682	67	76568	5.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.891	98	219429	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.174	79	30008	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.628	63	134112	52.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57002	5.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	69313	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	46520	5.335	ug/L	98
3) Chloromethane	1.518	50	66128	5.251	ug/L	97
5) Vinyl chloride	1.602	62	69018	5.459	ug/L	97
6) Bromomethane	1.856	94	34779	5.157	ug/L	99
8) Chloroethane	1.930	64	42892	5.594	ug/L	98
9) Trichlorofluoromethane	2.136	101	90031	5.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58122	5.417	ug/L	95
12) 1,1-Dichloroethene	2.576	96	57063	5.524	ug/L	93
13) Acetone	2.653	43	100897	51.206	ug/L	99
14) Carbon disulfide	2.789	76	188148	5.359	ug/L	99
15) Methyl Acetate	2.959	43	24298	5.065	ug/L	98
16) Methylene chloride	3.039	84	65557	5.528	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	161353	5.458	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	61886	5.465	ug/L	91
19) 1,1-Dichloroethane	3.859	63	121676	5.521	ug/L	98
21) 2-Butanone	4.711	43	172022	53.031	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	69649	5.522	ug/L	94
23) Bromochloromethane	4.969	128	28420	5.598	ug/L #	86
25) Chloroform	5.078	83	123751	5.606	ug/L	98

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27) 1,2-Dichloroethane	5.785	62	80079	5.507	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	105934	5.443	ug/L	97
30) Cyclohexane	5.380	56	117246	5.408	ug/L	94
31) Carbon tetrachloride	5.515	117	90785	5.497	ug/L	100
33) Benzene	5.766	78	272002	5.486	ug/L	100
34) Trichloroethene	6.534	95	72297	5.379	ug/L	94
35) Methylcyclohexane	6.756	83	112862	5.200	ug/L	97
37) 1,2-Dichloropropane	6.782	63	72742	5.568	ug/L #	98
38) Bromodichloromethane	7.097	83	88896	5.442	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	103764	5.065	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	455050	54.376	ug/L	94
42) Toluene	7.962	91	288687	5.466	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	85460	5.045	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	47112	5.441	ug/L	96
47) Tetrachloroethene	8.547	164	48487	5.543	ug/L	95
48) 2-Hexanone	8.679	43	315487	54.375	ug/L	94
49) Dibromochloromethane	8.801	129	57418	5.699	ug/L	96
50) 1,2-Dibromoethane	8.917	107	44913	5.479	ug/L #	99
51) Chlorobenzene	9.441	112	178085	5.535	ug/L	93
52) Ethylbenzene	9.563	91	328483	5.488	ug/L	99
53) m,p-Xylene	9.685	106	119397	5.468	ug/L	91
54) o-Xylene	10.094	106	117704	5.479	ug/L	91
55) Styrene	10.107	104	191579	5.526	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.775	83	59808	5.497	ug/L	98
59) Bromoform	10.283	173	30922	5.660	ug/L	98
60) Isopropylbenzene	10.476	105	294674	5.536	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	42344	5.415	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	258012	5.500	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	262459	5.543	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	129884	5.692	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	126284	5.599	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	119635	5.673	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	9557	5.604	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.213	180	88010	5.478	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68984	5.603	ug/L	97
71) Naphthalene	14.084	128	108544	5.397	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56233	5.488	ug/L	95

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

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