

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082324\
 Data File : U060536.D
 Acq On : 24 Aug 2024 02:01
 Operator : MD/SY
 Sample : P3711-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E24A0MS

Quant Time: Aug 24 04:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	91798	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	97522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.804	152	51148	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	22186	5.472	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	=	109.400%	
7) Chloroethane-d5		1.911	69	25543	4.158	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2		2.560	65	10135	4.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	=	84.800%	
20) 2-Butanone-d5		4.631	46	74330	53.311	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	=	106.620%	
24) Chloroform-d		5.055	84	62808	5.433	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	108.600%	
26) 1,2-Dichloroethane-d4		5.695	65	31777	5.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	105.400%	
32) Benzene-d6		5.721	84	106784	5.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6		6.682	67	35248	5.123	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	=	102.400%	
41) Toluene-d8		7.891	98	102331	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...		8.174	79	12554	5.099	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	=	102.000%	
46) 2-Hexanone-d5		8.627	63	57173	48.500	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	=	97.000%	
56) 1,1,2,2-Tetrachloroeth...		10.750	84	31068	5.074	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4		12.187	152	39598	5.250	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	=	105.000%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		1.383	85	50962	4.892	ug/L	97
3) Chloromethane		1.515	50	50875	5.636	ug/L	97
5) Vinyl chloride		1.599	62	52650	5.924	ug/L	98
6) Bromomethane		1.853	94	22482	2.514	ug/L	98
8) Chloroethane		1.930	64	35831	4.419	ug/L	100
9) Trichlorofluoromethane		2.133	101	94038	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.576	101	32331	3.955	ug/L	99
12) 1,1-Dichloroethene		2.576	96	30592	4.066	ug/L	88
13) Acetone		2.644	43	54091	46.363	ug/L	91
14) Carbon disulfide		2.788	76	106819	4.375	ug/L	99
15) Methyl Acetate		2.956	43	10297	4.316	ug/L	94
16) Methylene chloride		3.039	84	36531	4.999	ug/L	89
17) Methyl tert-butyl Ether		3.354	73	76391	5.003	ug/L	98
18) trans-1,2-Dichloroethene		3.345	96	33151	5.061	ug/L	97
19) 1,1-Dichloroethane		3.859	63	69492	5.236	ug/L	94
21) 2-Butanone		4.708	43	83526	52.352	ug/L	99
22) cis-1,2-Dichloroethene		4.660	96	36498	5.001	ug/L	97
23) Bromochloromethane		4.965	128	18048	5.441	ug/L	91
25) Chloroform		5.078	83	74702	5.318	ug/L	96

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

27) 1,2-Dichloroethane	5.785	62	48638	5.159	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	65374	4.894	ug/L	98
30) Cyclohexane	5.380	56	50968	4.609	ug/L	99
31) Carbon tetrachloride	5.515	117	60068	4.866	ug/L	98
33) Benzene	5.766	78	151019	4.883	ug/L	100
34) Trichloroethene	6.534	95	38110	4.545	ug/L	98
35) Methylcyclohexane	6.756	83	52289	4.546	ug/L	97
37) 1,2-Dichloropropane	6.782	63	40638	5.127	ug/L #	97
38) Bromodichloromethane	7.097	83	51425	4.938	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	52317	4.502	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	217763	52.757	ug/L	99
42) Toluene	7.962	91	164688	5.038	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	47070	4.934	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	29417	5.124	ug/L	100
47) Tetrachloroethene	8.547	164	32172	4.682	ug/L	97
48) 2-Hexanone	8.679	43	164674	53.308	ug/L	99
49) Dibromochloromethane	8.801	129	33825	5.089	ug/L	96
50) 1,2-Dibromoethane	8.917	107	27264	5.173	ug/L	97
51) Chlorobenzene	9.441	112	104030	4.917	ug/L	100
52) Ethylbenzene	9.563	91	169799	4.902	ug/L	98
53) m,p-Xylene	9.688	106	65191	5.062	ug/L	98
54) o-Xylene	10.094	106	63447	4.813	ug/L	97
55) Styrene	10.106	104	106925	4.950	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	35807	4.885	ug/L	95
59) Bromoform	10.283	173	20661	4.915	ug/L	96
60) Isopropylbenzene	10.476	105	166510	4.873	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	26686	5.409	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	126138	4.953	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	128498	4.946	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	83030	4.965	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	82920	4.886	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	76911	4.902	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5230	4.696	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	56896	4.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	50653	4.869	ug/L	98
71) Naphthalene	14.081	128	56576	4.257	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	37752	4.336	ug/L	98

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

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