

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
 Data File : VU060611.D
 Acq On : 04 Sep 2024 19:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Sep 05 03:59:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35888	5.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.911	69	33493	3.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.200%
11) 1,1-Dichloroethene-d2	2.563	65	15277	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.634	46	92540	40.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.055	84	78990	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	39893	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.721	84	148078	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	48940	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	139470	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	15786	4.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.631	63	72578	38.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40252	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	50882	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77658	4.522	ug/L	98
3) Chloromethane	1.515	50	83909	5.639	ug/L	98
5) Vinyl chloride	1.602	62	84537	5.770	ug/L	95
6) Bromomethane	1.856	94	52492	3.560	ug/L	97
8) Chloroethane	1.930	64	49079	3.671	ug/L	98
9) Trichlorofluoromethane	2.132	101	112456	3.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58571	4.346	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54186	4.369	ug/L	98
13) Acetone	2.650	43	86810	45.134	ug/L	100
14) Carbon disulfide	2.788	76	177900	4.420	ug/L	100
15) Methyl Acetate	2.955	43	21810	5.545	ug/L	95
16) Methylene chloride	3.039	84	67616	5.612	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	126691	5.033	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	55846	5.172	ug/L	100
19) 1,1-Dichloroethane	3.859	63	113739	5.198	ug/L	95
21) 2-Butanone	4.711	43	146040	55.522	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	61307	5.095	ug/L	98
23) Bromochloromethane	4.971	128	28267	5.169	ug/L	95
25) Chloroform	5.078	83	115110	4.970	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74086	4.766	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	96292	4.545	ug/L	97
30) Cyclohexane	5.380	56	86644	4.940	ug/L	98
31) Carbon tetrachloride	5.518	117	86783	4.432	ug/L	97
33) Benzene	5.766	78	251579	5.128	ug/L	100
34) Trichloroethene	6.534	95	64900	4.880	ug/L	97
35) Methylcyclohexane	6.756	83	87923	4.819	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67451	5.366	ug/L #	98
38) Bromodichloromethane	7.097	83	80866	4.895	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	89534	4.858	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	358009	54.683	ug/L	99
42) Toluene	7.962	91	267230	5.154	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	75108	4.964	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	47853	5.255	ug/L	97
47) Tetrachloroethene	8.547	164	49665	4.556	ug/L	98
48) 2-Hexanone	8.679	43	259484	52.959	ug/L	100
49) Dibromochloromethane	8.801	129	53829	5.106	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43722	5.230	ug/L #	94
51) Chlorobenzene	9.441	112	168728	5.027	ug/L	98
52) Ethylbenzene	9.563	91	275292	5.011	ug/L	99
53) m,p-Xylene	9.688	106	109643	5.368	ug/L	97
54) o-Xylene	10.093	106	104357	4.991	ug/L	99
55) Styrene	10.110	104	177563	5.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58474	5.029	ug/L	95
59) Bromoform	10.283	173	32096	4.903	ug/L	97
60) Isopropylbenzene	10.476	105	272151	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42729	5.561	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	209948	5.294	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	211929	5.238	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	133954	5.144	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	131910	4.991	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	123183	5.042	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8220	4.740	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	93010	4.632	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	69886	4.314	ug/L	99
71) Naphthalene	14.080	128	104034	5.026	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61854	4.562	ug/L	97

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

