

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060747.D
 Acq On : 13 Sep 2024 11:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005191

Quant Time: Sep 14 00:27:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	98402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19487	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.911	69	21378	3.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.560	65	10924	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.637	46	67560	45.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.000%
24) Chloroform-d	5.055	84	63657	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.695	65	30913	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	111487	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.682	67	35358	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	106469	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.177	79	12412	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.631	63	52252	43.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29352	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38076	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	53056	4.835	ug/L	99
3) Chloromethane	1.515	50	50842	5.347	ug/L	99
5) Vinyl chloride	1.602	62	51999	5.554	ug/L	96
6) Bromomethane	1.856	94	32612	3.461	ug/L	96
8) Chloroethane	1.930	64	30598	3.582	ug/L	100
9) Trichlorofluoromethane	2.136	101	78443	3.854	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41008	4.762	ug/L	97
12) 1,1-Dichloroethene	2.576	96	37343	4.712	ug/L	91
13) Acetone	2.653	43	57420	46.720	ug/L	97
14) Carbon disulfide	2.789	76	102498	3.985	ug/L	100
15) Methyl Acetate	2.956	43	13201	5.253	ug/L	99
16) Methylene chloride	3.039	84	43394	5.637	ug/L	85
17) Methyl tert-butyl Ether	3.358	73	90307	5.614	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	37103	5.377	ug/L	97
19) 1,1-Dichloroethane	3.859	63	78253	5.597	ug/L	96
21) 2-Butanone	4.714	43	93839	55.832	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	43241	5.624	ug/L	95
23) Bromochloromethane	4.968	128	20391	5.836	ug/L	92
25) Chloroform	5.081	83	83932	5.672	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	53642	5.401	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	73778	5.474	ug/L	98
30) Cyclohexane	5.383	56	55336	4.959	ug/L	97
31) Carbon tetrachloride	5.515	117	65885	5.290	ug/L	98
33) Benzene	5.766	78	171243	5.487	ug/L	100
34) Trichloroethene	6.538	95	45069	5.327	ug/L	96
35) Methylcyclohexane	6.756	83	60777	5.236	ug/L	97
37) 1,2-Dichloropropane	6.785	63	45944	5.745	ug/L #	97
38) Bromodichloromethane	7.097	83	59095	5.624	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	63743	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	244113	58.612	ug/L	100
42) Toluene	7.962	91	190245	5.768	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	52840	5.489	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	33274	5.744	ug/L	97
47) Tetrachloroethene	8.547	164	35646	5.141	ug/L	94
48) 2-Hexanone	8.679	43	176534	56.637	ug/L	99
49) Dibromochloromethane	8.801	129	40076	5.975	ug/L	96
50) 1,2-Dibromoethane	8.917	107	31445	5.913	ug/L #	93
51) Chlorobenzene	9.441	112	117421	5.500	ug/L	99
52) Ethylbenzene	9.563	91	193872	5.547	ug/L	100
53) m,p-Xylene	9.689	106	75090	5.779	ug/L	93
54) o-Xylene	10.094	106	71822	5.399	ug/L	98
55) Styrene	10.110	104	125754	5.770	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	40848	5.523	ug/L	94
59) Bromoform	10.283	173	24095	5.554	ug/L	97
60) Isopropylbenzene	10.476	105	195700	5.549	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	29182	5.730	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	150845	5.738	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	150037	5.595	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	95749	5.547	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	94617	5.402	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	87343	5.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5951	5.177	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	69236	5.202	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50970	4.746	ug/L	99
71) Naphthalene	14.081	128	67383	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46890	5.218	ug/L	98

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

