

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060485.D
 Acq On : 20 Aug 2024 12:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Aug 21 02:27:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	73835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25731	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	25406	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	11353	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.634	46	66122	53.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	5.058	84	62107	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.698	65	29496	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.721	84	113498	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	35824	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	109346	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.174	79	13068	5.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.627	63	53042	50.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31638	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	38766	4.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	22353	5.612	ug/L	99
3) Chloromethane	1.518	50	23996	4.844	ug/L	100
5) Vinyl chloride	1.602	62	27618	4.761	ug/L	98
6) Bromomethane	1.856	94	20108	4.895	ug/L	99
8) Chloroethane	1.930	64	19819	5.038	ug/L	98
9) Trichlorofluoromethane	2.133	101	50151	6.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	30094	5.616	ug/L	99
12) 1,1-Dichloroethene	2.573	96	24384	5.009	ug/L	96
13) Acetone	2.647	43	58319	69.434	ug/L	97
14) Carbon disulfide	2.788	76	52628	4.285	ug/L	100
15) Methyl Acetate	2.956	43	10209	5.866	ug/L	97
16) Methylene chloride	3.039	84	31501	4.552	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	61581	5.365	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	24247	5.077	ug/L	98
19) 1,1-Dichloroethane	3.859	63	55168	5.595	ug/L	93
21) 2-Butanone	4.711	43	73992	59.105	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	30088	5.219	ug/L	93
23) Bromochloromethane	4.972	128	15003	5.638	ug/L	95
25) Chloroform	5.081	83	61109	5.697	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	34543	6.055	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	50870	5.935	ug/L	98
30) Cyclohexane	5.383	56	31050	4.475	ug/L	96
31) Carbon tetrachloride	5.518	117	43736	5.822	ug/L	97
33) Benzene	5.769	78	117373	5.207	ug/L	100
34) Trichloroethene	6.534	95	30020	5.087	ug/L	95
35) Methylcyclohexane	6.756	83	35763	4.641	ug/L	99
37) 1,2-Dichloropropane	6.785	63	33896	5.525	ug/L	100
38) Bromodichloromethane	7.100	83	43999	5.802	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	43230	5.187	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	166486	58.131	ug/L	97
42) Toluene	7.965	91	130261	5.468	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	39017	5.667	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	25828	5.497	ug/L	97
47) Tetrachloroethene	8.547	164	24133	5.228	ug/L	96
48) 2-Hexanone	8.679	43	138736	63.900	ug/L	97
49) Dibromochloromethane	8.801	129	29654	5.935	ug/L	97
50) 1,2-Dibromoethane	8.917	107	23599	5.642	ug/L	98
51) Chlorobenzene	9.441	112	85762	5.336	ug/L	98
52) Ethylbenzene	9.563	91	128930	5.137	ug/L	100
53) m,p-Xylene	9.689	106	51167	5.364	ug/L	98
54) o-Xylene	10.097	106	49832	5.460	ug/L	96
55) Styrene	10.110	104	87908	5.567	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	32638	5.586	ug/L	97
59) Bromoform	10.287	173	19131	5.938	ug/L	97
60) Isopropylbenzene	10.479	105	134368	5.245	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	22962	5.590	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	101813	5.162	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	101442	5.219	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	71521	5.478	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	70357	5.346	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	67915	5.509	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	4381	5.689	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	50107	5.079	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35550	4.589	ug/L	98
71) Naphthalene	14.084	128	48078	4.365	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	31447	4.531	ug/L	95

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

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