

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060964.D
 Acq On : 23 Sep 2024 09:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Sep 24 06:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54714	4.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	44943	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.560	65	20797	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.621	46	96434	48.233	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	5.055	84	88169	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	42025	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	170110	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	54093	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	158821	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	20399	5.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.627	63	82361	52.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42938	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	52342	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55423	5.303	ug/L	94
3) Chloromethane	1.518	50	54475	4.934	ug/L	98
5) Vinyl chloride	1.602	62	61850	5.176	ug/L	100
6) Bromomethane	1.853	94	33606	4.401	ug/L	98
8) Chloroethane	1.930	64	40848	5.595	ug/L	98
9) Trichlorofluoromethane	2.133	101	92682	5.647	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51090	5.357	ug/L	100
12) 1,1-Dichloroethene	2.573	96	43189	4.959	ug/L	97
13) Acetone	2.631	43	70051	52.517	ug/L	96
14) Carbon disulfide	2.788	76	118703	4.913	ug/L	100
15) Methyl Acetate	2.949	43	18774	5.773	ug/L	97
16) Methylene chloride	3.039	84	52014	5.157	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	110290	5.603	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	46120	5.110	ug/L	96
19) 1,1-Dichloroethane	3.859	63	95893	5.292	ug/L	98
21) 2-Butanone	4.698	43	116050	53.446	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	53767	5.383	ug/L	97
23) Bromochloromethane	4.968	128	24721	5.240	ug/L	97
25) Chloroform	5.078	83	102211	5.409	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59261	5.413	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	83930	5.791	ug/L	98
30) Cyclohexane	5.380	56	64055	5.377	ug/L	99
31) Carbon tetrachloride	5.518	117	76493	5.961	ug/L	98
33) Benzene	5.766	78	207848	5.631	ug/L	100
34) Trichloroethene	6.534	95	54836	5.667	ug/L	96
35) Methylcyclohexane	6.756	83	69832	5.260	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58495	5.751	ug/L #	97
38) Bromodichloromethane	7.097	83	74234	5.950	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	79242	5.858	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	297699	62.679	ug/L	98
42) Toluene	7.962	91	223119	5.781	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	66904	6.014	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	42247	5.753	ug/L	98
47) Tetrachloroethene	8.547	164	40241	5.233	ug/L	97
48) 2-Hexanone	8.676	43	220264	63.623	ug/L	97
49) Dibromochloromethane	8.801	129	48612	5.815	ug/L	96
50) 1,2-Dibromoethane	8.917	107	38206	5.830	ug/L	99
51) Chlorobenzene	9.438	112	140201	5.410	ug/L	98
52) Ethylbenzene	9.563	91	233352	5.743	ug/L	100
53) m,p-Xylene	9.685	106	88027	5.714	ug/L	96
54) o-Xylene	10.094	106	91126	5.994	ug/L	98
55) Styrene	10.107	104	156958	6.125	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	53678	5.861	ug/L	96
59) Bromoform	10.283	173	31010	6.295	ug/L	98
60) Isopropylbenzene	10.476	105	235013	6.067	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	35859	5.882	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	171304	5.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	172400	5.795	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	109954	5.645	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	111443	5.535	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	104248	5.660	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	7332	6.159	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.209	180	76844	5.274	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	58609	5.711	ug/L	98
71) Naphthalene	14.081	128	82217	6.074	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	52999	5.977	ug/L	98

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

