

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060771.D
 Acq On : 13 Sep 2024 22:24
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005192

Quant Time: Sep 14 00:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88759	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18778	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	20634	3.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.560	65	10662	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.634	46	67531	50.093	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.055	84	62840	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.695	65	32404	5.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.718	84	110039	5.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
36) 1,2-Dichloropropane-d6	6.682	67	34890	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.891	98	102835	5.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	8.174	79	11435	5.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.627	63	47702	43.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28690	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	30658	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	31332	3.111	ug/L	99
3) Chloromethane	1.515	50	30660	3.513	ug/L	99
5) Vinyl chloride	1.599	62	46117	5.367	ug/L	100
6) Bromomethane	1.853	94	29922	3.460	ug/L	97
8) Chloroethane	1.930	64	27844	3.551	ug/L	99
9) Trichlorofluoromethane	2.132	101	75886	4.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37530	4.748	ug/L	98
12) 1,1-Dichloroethene	2.573	96	34328	4.719	ug/L	94
13) Acetone	2.650	43	50855	45.082	ug/L	97
14) Carbon disulfide	2.788	76	97404	4.126	ug/L	100
15) Methyl Acetate	2.962	43	12371	5.363	ug/L	96
16) Methylene chloride	3.039	84	40937	5.794	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	82644	5.598	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34740	5.486	ug/L	94
19) 1,1-Dichloroethane	3.859	63	73316	5.713	ug/L	93
21) 2-Butanone	4.711	43	85387	55.350	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	38578	5.467	ug/L	98
23) Bromochloromethane	4.968	128	19631	6.121	ug/L	92
25) Chloroform	5.078	83	79778	5.874	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	48691	5.341	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	69191	5.619	ug/L	99
30) Cyclohexane	5.380	56	50316	4.936	ug/L	99
31) Carbon tetrachloride	5.515	117	62050	5.453	ug/L	99
33) Benzene	5.766	78	160958	5.645	ug/L	100
34) Trichloroethene	6.534	95	39397	5.097	ug/L	98
35) Methylcyclohexane	6.756	83	51099	4.819	ug/L	100
37) 1,2-Dichloropropane	6.782	63	42046	5.755	ug/L	98
38) Bromodichloromethane	7.097	83	56133	5.847	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	53383	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	212957	55.968	ug/L	99
42) Toluene	7.962	91	167434	5.557	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	46405	5.277	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	30735	5.807	ug/L	97
47) Tetrachloroethene	8.547	164	32120	5.070	ug/L	96
48) 2-Hexanone	8.679	43	153177	53.791	ug/L	98
49) Dibromochloromethane	8.801	129	36642	5.980	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27342	5.628	ug/L	98
51) Chlorobenzene	9.441	112	100083	5.131	ug/L	98
52) Ethylbenzene	9.563	91	168432	5.275	ug/L	100
53) m,p-Xylene	9.685	106	65423	5.511	ug/L	97
54) o-Xylene	10.094	106	63435	5.220	ug/L	100
55) Styrene	10.106	104	108348	5.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	35351	5.231	ug/L	99
59) Bromoform	10.283	173	21493	6.077	ug/L	97
60) Isopropylbenzene	10.476	105	169019	5.878	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24605	5.927	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	124509	5.810	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	120355	5.506	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	73570	5.229	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	72601	5.085	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	64006	4.848	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	3829	4.086	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	39476	3.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	30054	3.433	ug/L	96
71) Naphthalene	14.081	128	35906	3.211	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	26632	3.635	ug/L	99

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

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