

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061346.D
 Acq On : 01 Nov 2024 06:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Nov 01 06:34:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77668	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58725	5.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.911	69	57898	5.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.560	65	25259	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.624	46	128283	54.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.052	84	119866	5.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.692	65	60128	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.718	84	242927	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.682	67	71546	5.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.891	98	225219	5.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
43) trans-1,3-Dichloroprop...	8.174	79	26784	5.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.624	63	118077	54.000	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55988	5.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	73367	5.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	55030	4.871	ug/L	99
3) Chloromethane	1.518	50	52057	4.370	ug/L	98
5) Vinyl chloride	1.602	62	60876	4.648	ug/L	99
6) Bromomethane	1.853	94	43915	5.060	ug/L	97
8) Chloroethane	1.930	64	48216	5.000	ug/L	100
9) Trichlorofluoromethane	2.132	101	89235	5.016	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50626	4.792	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48706	4.862	ug/L	95
13) Acetone	2.640	43	70968	47.943	ug/L	96
14) Carbon disulfide	2.788	76	142353	4.259	ug/L	100
15) Methyl Acetate	2.952	43	17655	4.817	ug/L	97
16) Methylene chloride	3.039	84	56890	4.819	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135497	4.990	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	53431	4.823	ug/L	96
19) 1,1-Dichloroethane	3.859	63	103993	4.977	ug/L	99
21) 2-Butanone	4.702	43	119667	50.994	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	63749	5.038	ug/L	96
23) Bromochloromethane	4.968	128	28136	5.284	ug/L	98
25) Chloroform	5.078	83	110689	5.039	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67790	4.883	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	94205	4.983	ug/L	98
30) Cyclohexane	5.380	56	89825	4.737	ug/L	99
31) Carbon tetrachloride	5.515	117	78671	4.863	ug/L	97
33) Benzene	5.766	78	240687	5.041	ug/L	100
34) Trichloroethene	6.534	95	65461	5.040	ug/L	97
35) Methylcyclohexane	6.753	83	96268	4.657	ug/L	98
37) 1,2-Dichloropropane	6.782	63	64079	5.295	ug/L	100
38) Bromodichloromethane	7.097	83	77276	5.045	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	89145	4.769	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	314055	52.139	ug/L	99
42) Toluene	7.962	91	261884	5.051	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70541	4.632	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	46115	5.295	ug/L	98
47) Tetrachloroethene	8.547	164	45786	5.047	ug/L	95
48) 2-Hexanone	8.676	43	227540	53.420	ug/L	99
49) Dibromochloromethane	8.801	129	48746	4.935	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43094	5.093	ug/L	95
51) Chlorobenzene	9.438	112	168698	5.147	ug/L	99
52) Ethylbenzene	9.563	91	286778	5.028	ug/L	99
53) m,p-Xylene	9.685	106	108162	4.978	ug/L	99
54) o-Xylene	10.094	106	106630	4.972	ug/L	98
55) Styrene	10.106	104	174371	5.072	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	54504	5.193	ug/L	99
59) Bromoform	10.283	173	26215	4.560	ug/L	98
60) Isopropylbenzene	10.476	105	284306	4.792	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38839	5.020	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	227678	4.714	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	224613	4.704	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	123143	4.931	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	121395	4.769	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	114427	4.869	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7352	4.526	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	85072	4.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	68619	4.967	ug/L	99
71) Naphthalene	14.081	128	110381	5.064	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	60394	5.226	ug/L	99

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

