

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058642.D
 Acq On : 12 Apr 2024 09:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Apr 12 23:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23331	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.904	69	29941	6.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.800%#
11) 1,1-Dichloroethene-d2	2.557	65	11210	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	55410	51.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.052	84	52390	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	23733	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.717	84	96903	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	31092	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	84696	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	9508	4.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.631	63	40262	49.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20644	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24826	4.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	28088	4.334	ug/L	100
3) Chloromethane	1.515	50	34491	4.348	ug/L	100
5) Vinyl chloride	1.599	62	35060	4.426	ug/L	100
6) Bromomethane	1.853	94	17786	4.746	ug/L	98
8) Chloroethane	1.923	64	33391	6.672	ug/L	98
9) Trichlorofluoromethane	2.129	101	48121	4.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29203	4.698	ug/L	96
12) 1,1-Dichloroethene	2.570	96	24980	4.533	ug/L	92
13) Acetone	2.628	43	40273	43.493	ug/L	100
14) Carbon disulfide	2.785	76	72816	4.160	ug/L	99
15) Methyl Acetate	2.946	43	10355	4.740	ug/L	98
16) Methylene chloride	3.033	84	29824	4.078	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	58385	4.485	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	26450	4.580	ug/L	93
19) 1,1-Dichloroethane	3.856	63	61047	4.843	ug/L	99
21) 2-Butanone	4.698	43	62379	45.071	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	29671	4.575	ug/L	97
23) Bromochloromethane	4.965	128	11803	4.619	ug/L	93
25) Chloroform	5.078	83	59956	4.914	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35343	4.757	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	47412	4.702	ug/L	98
30) Cyclohexane	5.380	56	45868	4.307	ug/L	99
31) Carbon tetrachloride	5.515	117	40077	4.693	ug/L	99
33) Benzene	5.766	78	126821	4.652	ug/L	100
34) Trichloroethene	6.534	95	30705	4.468	ug/L	97
35) Methylcyclohexane	6.756	83	44882	4.335	ug/L	98
37) 1,2-Dichloropropane	6.782	63	35205	4.908	ug/L	99
38) Bromodichloromethane	7.097	83	39704	4.850	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	41516	4.552	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	163030	48.289	ug/L	97
42) Toluene	7.962	91	131759	4.608	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	33370	4.639	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	19880	4.746	ug/L	96
47) Tetrachloroethene	8.547	164	21822	4.332	ug/L	97
48) 2-Hexanone	8.682	43	117061	48.841	ug/L	95
49) Dibromochloromethane	8.804	129	21938	4.530	ug/L	97
50) 1,2-Dibromoethane	8.917	107	16912	4.414	ug/L	94
51) Chlorobenzene	9.441	112	77725	4.492	ug/L	99
52) Ethylbenzene	9.563	91	134642	4.444	ug/L	100
53) m,p-Xylene	9.688	106	48912	4.509	ug/L	99
54) o-Xylene	10.093	106	47805	4.495	ug/L	98
55) Styrene	10.110	104	77389	4.523	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	23975	4.640	ug/L	98
59) Bromoform	10.286	173	11160	4.687	ug/L	97
60) Isopropylbenzene	10.479	105	123522	4.735	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17386	4.782	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	98175	4.615	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	99780	4.593	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	57999	4.577	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	54122	4.384	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	51393	4.458	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3203	5.195	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	39389	4.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	25666	3.552	ug/L	97
71) Naphthalene	14.084	128	27691	2.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21329	3.574	ug/L	98

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

