

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058431.D
 Acq On : 05 Apr 2024 19:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Apr 05 23:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81348	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24521	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	22368	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	11595	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.624	46	58113	51.201	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.052	84	54487	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.692	65	24894	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	105346	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	32587	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	92903	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.174	79	9791	4.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	43452	51.619	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21993	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	29753	4.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	33016	4.869	ug/L	98
3) Chloromethane	1.515	50	41017	4.943	ug/L	99
5) Vinyl chloride	1.599	62	41831	5.047	ug/L	100
6) Bromomethane	1.853	94	20161	5.142	ug/L	99
8) Chloroethane	1.930	64	27495	5.252	ug/L	99
9) Trichlorofluoromethane	2.132	101	56140	5.130	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	32433	4.987	ug/L	98
12) 1,1-Dichloroethene	2.573	96	29678	5.148	ug/L	97
13) Acetone	2.637	43	41970	43.325	ug/L	97
14) Carbon disulfide	2.788	76	90786	4.958	ug/L	100
15) Methyl Acetate	2.949	43	11630	5.088	ug/L	98
16) Methylene chloride	3.036	84	37884	4.951	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	67455	4.953	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	31741	5.253	ug/L	98
19) 1,1-Dichloroethane	3.859	63	69465	5.267	ug/L	98
21) 2-Butanone	4.705	43	68612	47.387	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	34650	5.107	ug/L	97
23) Bromochloromethane	4.965	128	14320	5.356	ug/L	95
25) Chloroform	5.078	83	68320	5.352	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	39918	5.135	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	54637	5.233	ug/L	99
30) Cyclohexane	5.380	56	54597	4.951	ug/L	98
31) Carbon tetrachloride	5.515	117	45630	5.161	ug/L	96
33) Benzene	5.766	78	146075	5.175	ug/L	100
34) Trichloroethene	6.534	95	36714	5.160	ug/L	98
35) Methylcyclohexane	6.756	83	52218	4.871	ug/L	98
37) 1,2-Dichloropropane	6.782	63	38662	5.206	ug/L	99
38) Bromodichloromethane	7.097	83	44077	5.199	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	47092	4.986	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	175375	50.167	ug/L	99
42) Toluene	7.962	91	152518	5.151	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	37798	5.075	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	23048	5.314	ug/L	98
47) Tetrachloroethene	8.547	164	25928	4.971	ug/L	99
48) 2-Hexanone	8.676	43	124660	50.231	ug/L	99
49) Dibromochloromethane	8.801	129	26221	5.229	ug/L	98
50) 1,2-Dibromoethane	8.917	107	20439	5.152	ug/L #	94
51) Chlorobenzene	9.441	112	90832	5.070	ug/L	99
52) Ethylbenzene	9.563	91	159947	5.099	ug/L	100
53) m,p-Xylene	9.688	106	58897	5.243	ug/L	97
54) o-Xylene	10.094	106	57573	5.228	ug/L	99
55) Styrene	10.106	104	93760	5.292	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	26945	5.036	ug/L	98
59) Bromoform	10.283	173	13058	4.947	ug/L	100
60) Isopropylbenzene	10.476	105	144273	4.989	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	19914	4.941	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	117361	4.976	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119146	4.948	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	68523	4.878	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	65656	4.797	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	61469	4.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3621	5.297	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	46622	4.488	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	33351	4.163	ug/L	96
71) Naphthalene	14.084	128	37515	3.418	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	27042	4.088	ug/L	99

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

