

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040424\
 Data File : U058381.D
 Acq On : 04 Apr 2024 20:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Apr 04 23:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30224	5.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.600%
7) Chloroethane-d5	1.908	69	25883	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.560	65	13856	5.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	4.628	46	65576	57.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.840%
24) Chloroform-d	5.052	84	60506	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.692	65	28365	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.718	84	119188	5.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	6.682	67	36896	5.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.400%
41) Toluene-d8	7.891	98	107810	5.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	8.174	79	11395	5.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.628	63	47531	56.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	24499	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	33636	5.149	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36166	5.347	ug/L	98
3) Chloromethane	1.515	50	42501	5.135	ug/L	99
5) Vinyl chloride	1.599	62	43868	5.306	ug/L	99
6) Bromomethane	1.853	94	20694	5.291	ug/L	98
8) Chloroethane	1.927	64	27084	5.186	ug/L	100
9) Trichlorofluoromethane	2.133	101	57946	5.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	34518	5.321	ug/L	98
12) 1,1-Dichloroethene	2.573	96	30755	5.348	ug/L	97
13) Acetone	2.647	43	46075	47.681	ug/L	99
14) Carbon disulfide	2.785	76	95490	5.227	ug/L	98
15) Methyl Acetate	2.953	43	12394	5.436	ug/L	99
16) Methylene chloride	3.036	84	43064	5.642	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	71541	5.267	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	32435	5.381	ug/L	97
19) 1,1-Dichloroethane	3.856	63	69874	5.311	ug/L	99
21) 2-Butanone	4.708	43	72494	50.192	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	36191	5.347	ug/L	98
23) Bromochloromethane	4.965	128	14776	5.541	ug/L	98
25) Chloroform	5.078	83	68936	5.414	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40464	5.219	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	55319	5.305	ug/L	99
30) Cyclohexane	5.377	56	58680	5.328	ug/L	99
31) Carbon tetrachloride	5.515	117	47781	5.410	ug/L	100
33) Benzene	5.766	78	150293	5.331	ug/L	100
34) Trichloroethene	6.534	95	37258	5.242	ug/L	98
35) Methylcyclohexane	6.756	83	57362	5.357	ug/L	99
37) 1,2-Dichloropropane	6.782	63	40247	5.426	ug/L	100
38) Bromodichloromethane	7.097	83	44162	5.216	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	51123	5.420	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	186050	53.285	ug/L	99
42) Toluene	7.962	91	157302	5.319	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	40732	5.475	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	23673	5.464	ug/L	98
47) Tetrachloroethene	8.547	164	27046	5.191	ug/L	99
48) 2-Hexanone	8.679	43	133233	53.751	ug/L	99
49) Dibromochloromethane	8.801	129	26743	5.339	ug/L	97
50) 1,2-Dibromoethane	8.917	107	21082	5.321	ug/L	97
51) Chlorobenzene	9.441	112	95669	5.346	ug/L	99
52) Ethylbenzene	9.563	91	168626	5.382	ug/L	97
53) m,p-Xylene	9.685	106	60785	5.418	ug/L	98
54) o-Xylene	10.094	106	60217	5.475	ug/L	99
55) Styrene	10.107	104	98737	5.580	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	28998	5.426	ug/L	98
59) Bromoform	10.283	173	13720	5.294	ug/L	98
60) Isopropylbenzene	10.476	105	154901	5.455	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	20504	5.181	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	125880	5.436	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	127592	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	73891	5.357	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	69592	5.179	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	65418	5.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	4044	6.026	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	53499	5.245	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39954	5.080	ug/L	97
71) Naphthalene	14.081	128	51999	4.825	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	33198	5.111	ug/L	99

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

