

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057975.D
 Acq On : 29 Feb 2024 16:14
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: Mar 01 05:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53486	4.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.908	69	44443	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	23314	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.612	46	97351	54.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.120%
24) Chloroform-d	5.055	84	104490	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	49070	5.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	208778	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.682	67	63628	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	190174	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.177	79	21966	4.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	80376	54.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40914	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	60359	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	45820	4.978	ug/L	100
3) Chloromethane	1.515	50	53375	4.959	ug/L	100
5) Vinyl chloride	1.599	62	58063	5.015	ug/L	98
6) Bromomethane	1.853	94	31194	5.116	ug/L	99
8) Chloroethane	1.930	64	37571	5.154	ug/L	96
9) Trichlorofluoromethane	2.133	101	82880	5.025	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51449	4.990	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46505	5.074	ug/L	86
13) Acetone	2.612	43	69473	51.836	ug/L	98
14) Carbon disulfide	2.789	76	141410	4.989	ug/L	99
15) Methyl Acetate	2.943	43	15861	5.333	ug/L	97
16) Methylene chloride	3.036	84	62743	5.632	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	111595	5.148	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	48728	4.880	ug/L	97
19) 1,1-Dichloroethane	3.859	63	101303	5.086	ug/L	97
21) 2-Butanone	4.689	43	110061	52.116	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	55557	5.058	ug/L	98
23) Bromochloromethane	4.965	128	21366	5.239	ug/L	97
25) Chloroform	5.078	83	103194	5.075	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59642	5.298	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	84557	4.901	ug/L	99
30) Cyclohexane	5.380	56	86131	4.944	ug/L	99
31) Carbon tetrachloride	5.518	117	74409	4.963	ug/L	99
33) Benzene	5.766	78	222143	4.994	ug/L	100
34) Trichloroethene	6.538	95	58150	4.969	ug/L	97
35) Methylcyclohexane	6.756	83	90808	5.062	ug/L	98
37) 1,2-Dichloropropane	6.785	63	56357	4.914	ug/L	100
38) Bromodichloromethane	7.100	83	69855	5.020	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	80201	5.075	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	279051	52.887	ug/L	100
42) Toluene	7.965	91	232564	5.021	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	64225	5.100	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	35206	5.177	ug/L	98
47) Tetrachloroethene	8.547	164	39826	4.905	ug/L	97
48) 2-Hexanone	8.676	43	202588	52.356	ug/L	96
49) Dibromochloromethane	8.804	129	41590	5.166	ug/L	97
50) 1,2-Dibromoethane	8.920	107	31303	5.186	ug/L	98
51) Chlorobenzene	9.441	112	145642	5.014	ug/L	97
52) Ethylbenzene	9.566	91	261134	5.038	ug/L	100
53) m,p-Xylene	9.689	106	94185	5.086	ug/L	98
54) o-Xylene	10.094	106	92325	5.002	ug/L	99
55) Styrene	10.110	104	150910	5.209	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42835	5.347	ug/L	99
59) Bromoform	10.287	173	20239	5.097	ug/L	100
60) Isopropylbenzene	10.480	105	238967	5.040	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29359	5.034	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	203660	5.093	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	204887	5.191	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	108190	5.020	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	106714	5.059	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	98122	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	6135	5.302	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	78101	5.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	60007	5.152	ug/L	98
71) Naphthalene	14.084	128	76964	4.838	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	46440	5.047	ug/L	98

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

